

Appendix N Sensitive Noise Receptor and Barrier Locations

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THE HIGH DESERT CORRIDOR PROJECT

FROM STATE ROUTE 14 (PM 42.4) IN LOS ANGELES COUNTY
TO STATE ROUTE 18 (PM 84.4R) IN SAN BERNARDINO COUNTY, CALIFORNIA
EA-26000 (0712000035)

LEGEND



10 MINUTE NOISE SITE



24 HOURS NOISE SITE



MODELED SITE



PRIVATE WALL



PROPOSED SOUNDWALL (SW)



EXISTING SOUNDWALL (SW)



EXISTING SOUNDWALL (SW) TO BE REMOVED

Leq

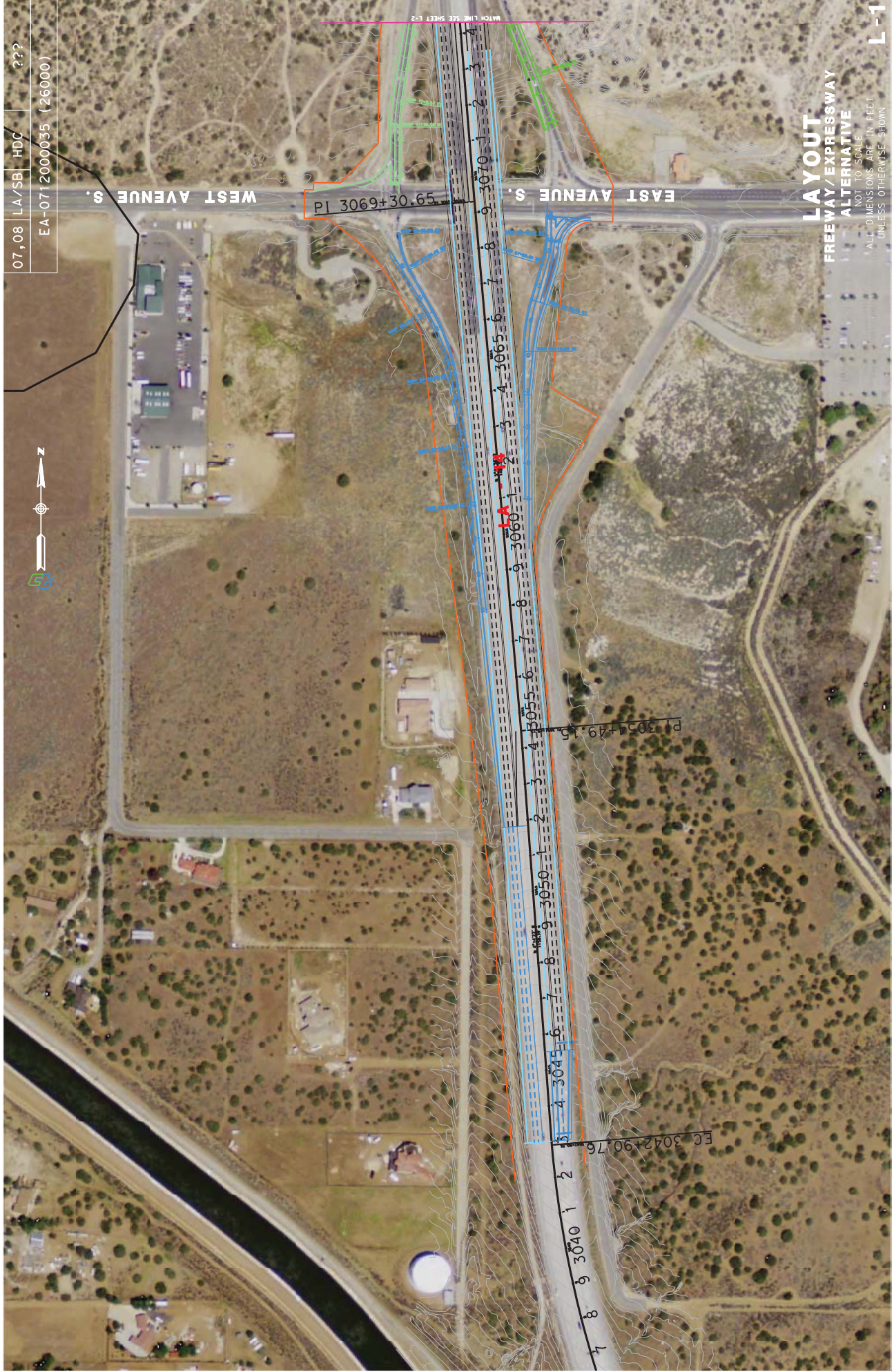
EXISTING WORST-HOUR NOISE LEVEL (MAIN OR VARIATION)

Leq

FUTURE WORST-HOUR NOISE LEVEL (MAIN OR VARIATION)

FMNL

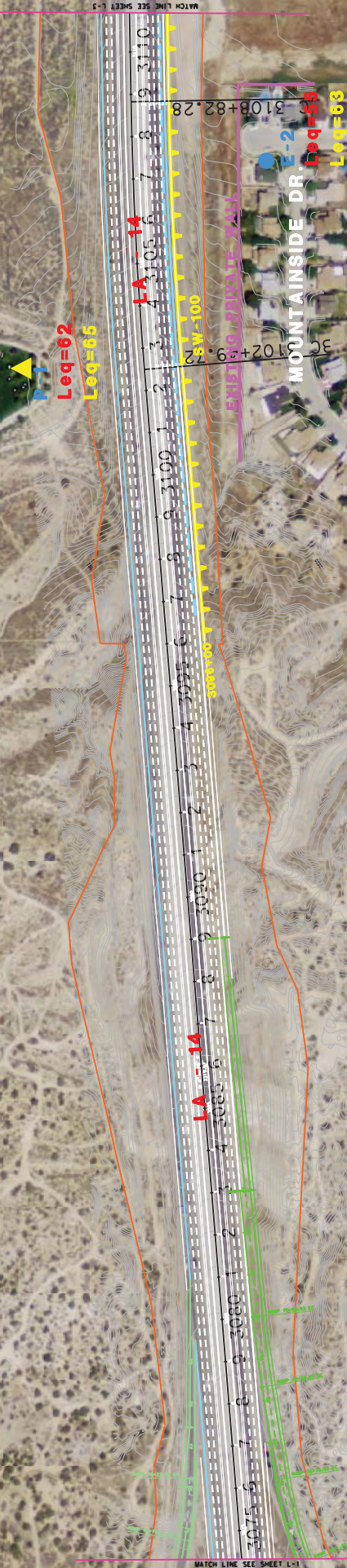
FIELD MEASUREMENT NOISE LEVEL





PELONA VISTA PARK

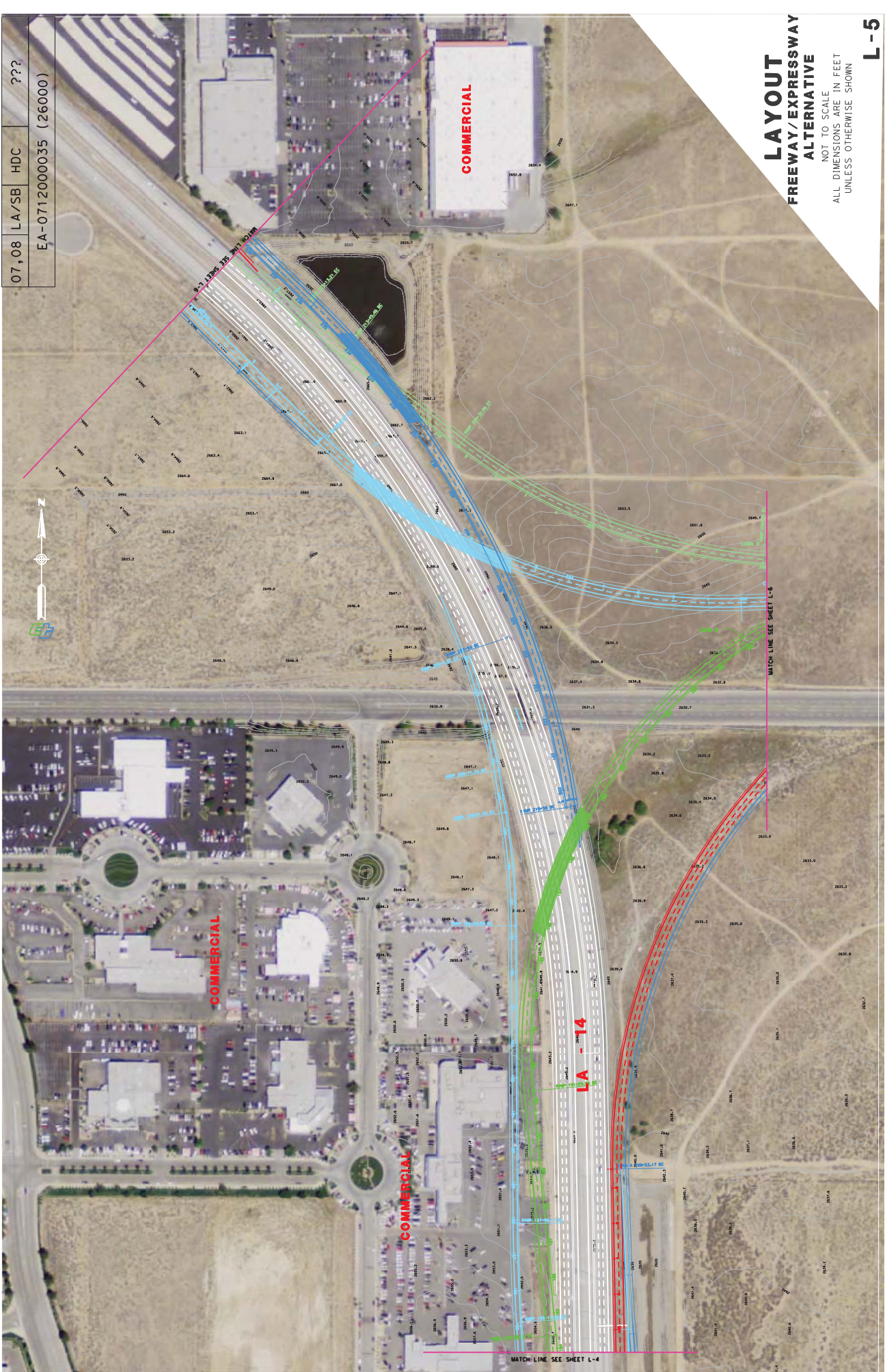
▲ **P-2**
▲ **Leq=67**
▲ **Leq=60**



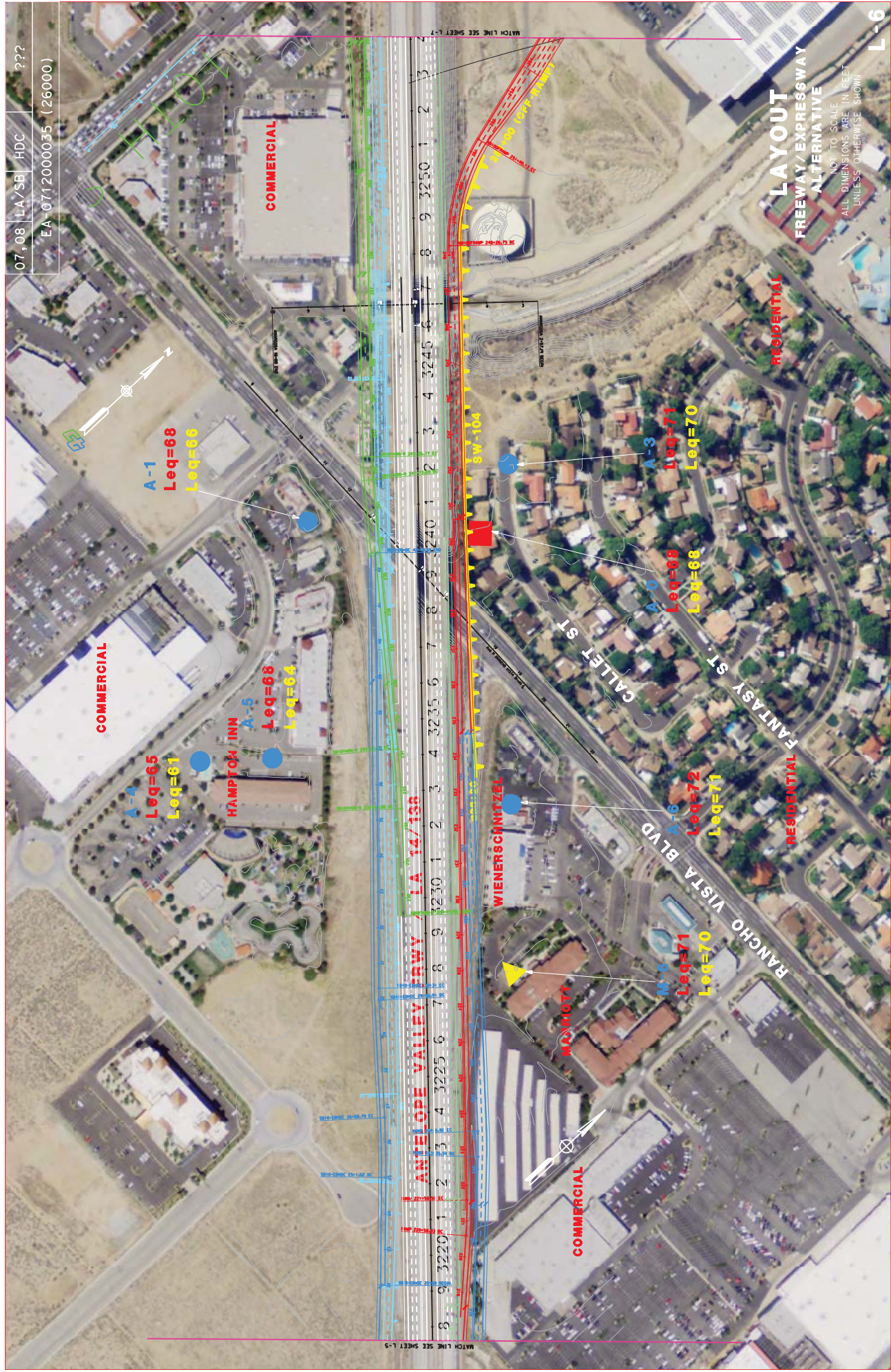
LAYOUT FREEWAY/EXPRESSWAY ALTERNATIVE

NOT TO SCALE
ALL DIMENSIONS ARE IN FEET
UNLESS OTHERWISE SHOWN

07,08 LA/SB HDC ???
EA-0712000035 (26000)



LAYOUT
FREWAY/EXPRESSWAY
ALTERNATIVE
NOT TO SCALE
ALL DIMENSIONS ARE IN FEET
UNLESS OTHERWISE SHOWN
L-5



07,08	LA/SB	HDC	???
EA-0712000035 (26000)			



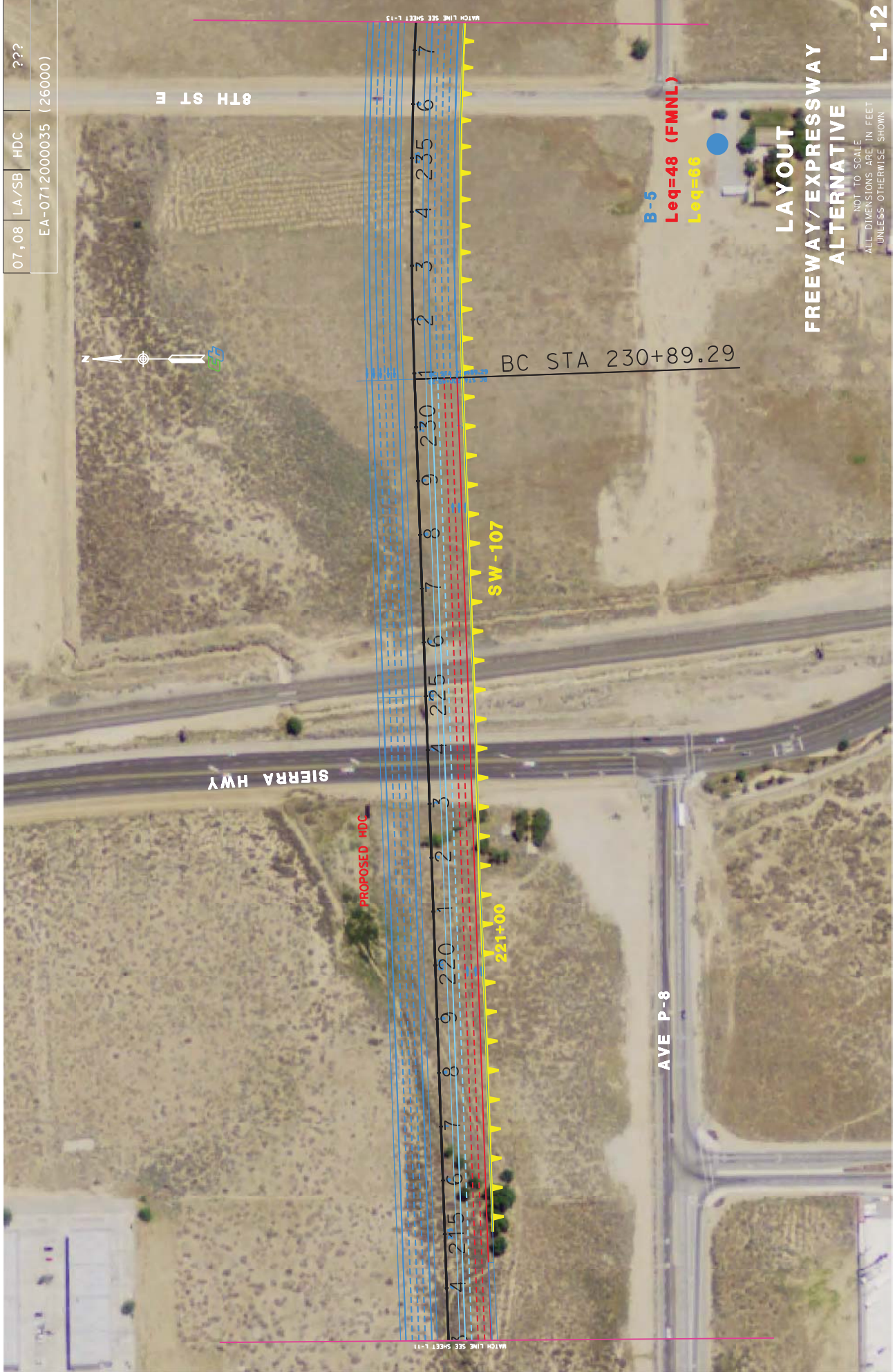
LAYOUT
FREEWAY/EXPRESSWAY
ALTERNATIVE
 NOT TO SCALE
 ALL DIMENSIONS ARE IN FEET
 UNLESS OTHERWISE SHOWN

07, 08	LA/SB	HDC	???
EA-0712000035 (26000)			



L-8

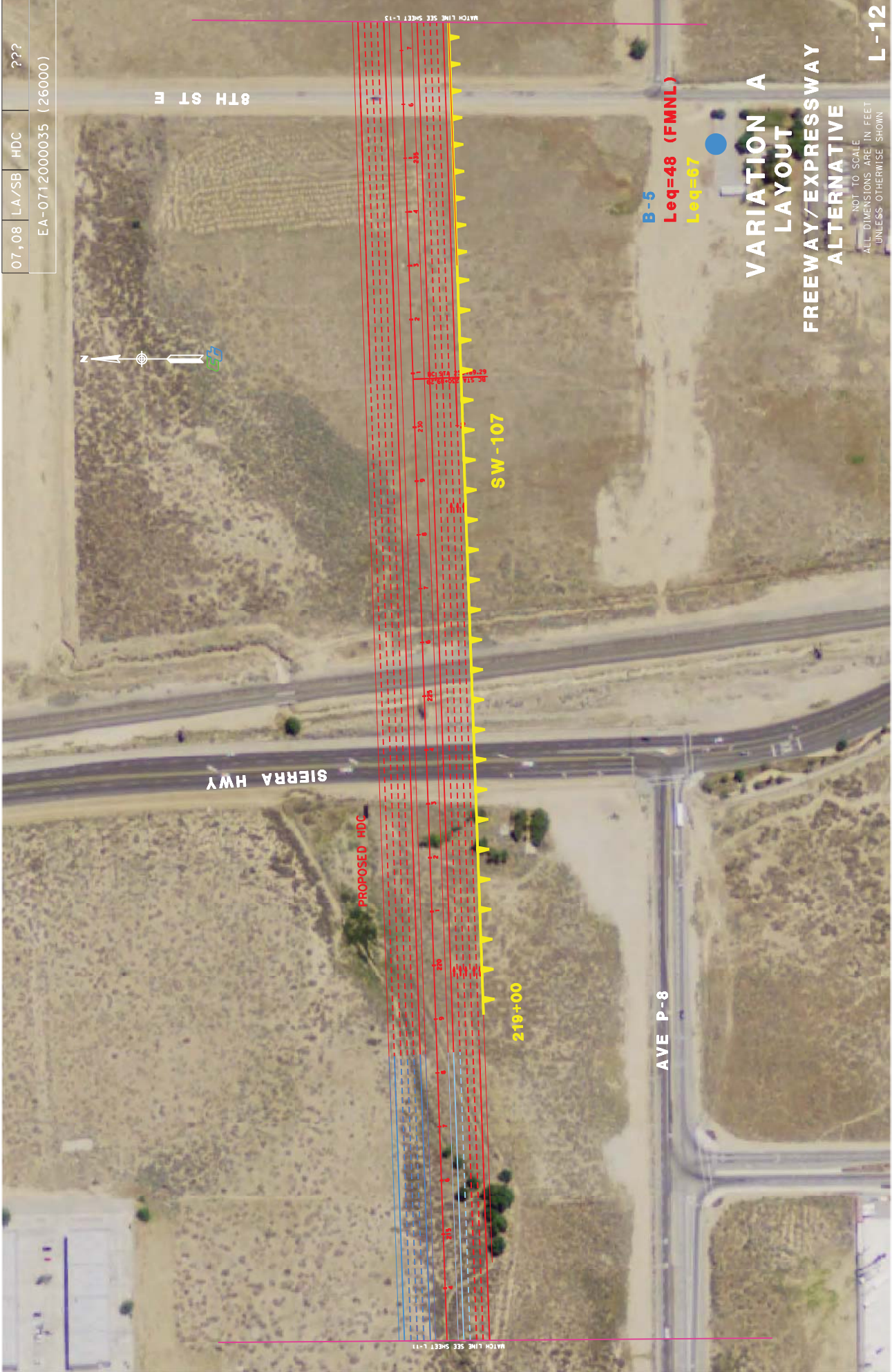
07,08	LA/SB	HDC	???
EA-0712000035 (26000)			

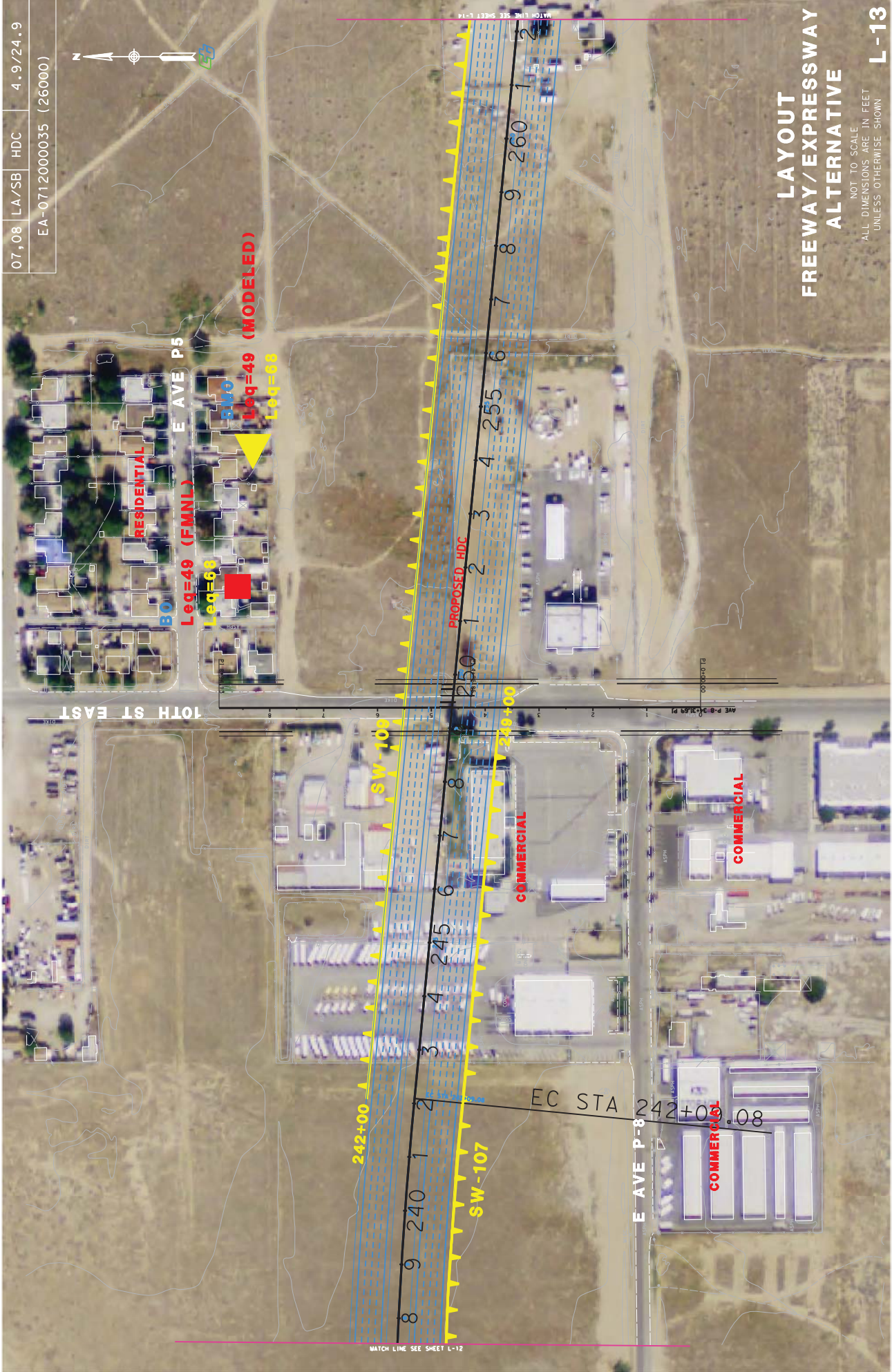


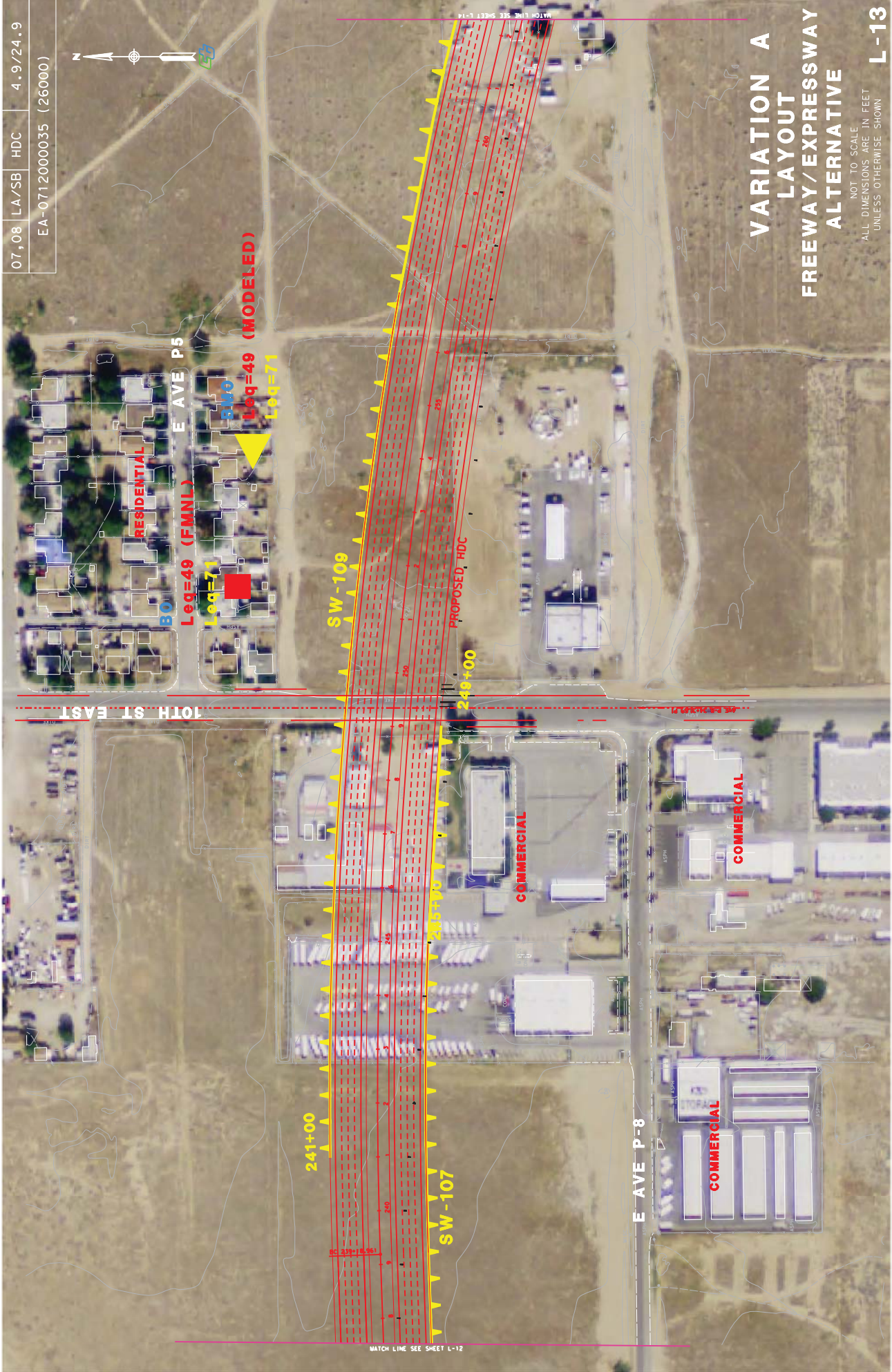
FREEWAY/EXPRESSWAY ALTERNATIVE

NOT TO SCALE
ALL DIMENSIONS ARE IN FEET
UNLESS OTHERWISE SHOWN

07,08	LA/SB	HDC	???
EA-0712000035 (26000)			







VARIATION A **LAYOUT** **FREEWAY/EXPRESSWAY** **ALTERNATIVE**

NOT TO SCALE
 ALL DIMENSIONS ARE IN FEET
 UNLESS OTHERWISE SHOWN

07,08	LA/SB	HDC	???
EA-0712000035 (26000)			



SW -109

267+00

MATCH LINE SEE SHEET L-13



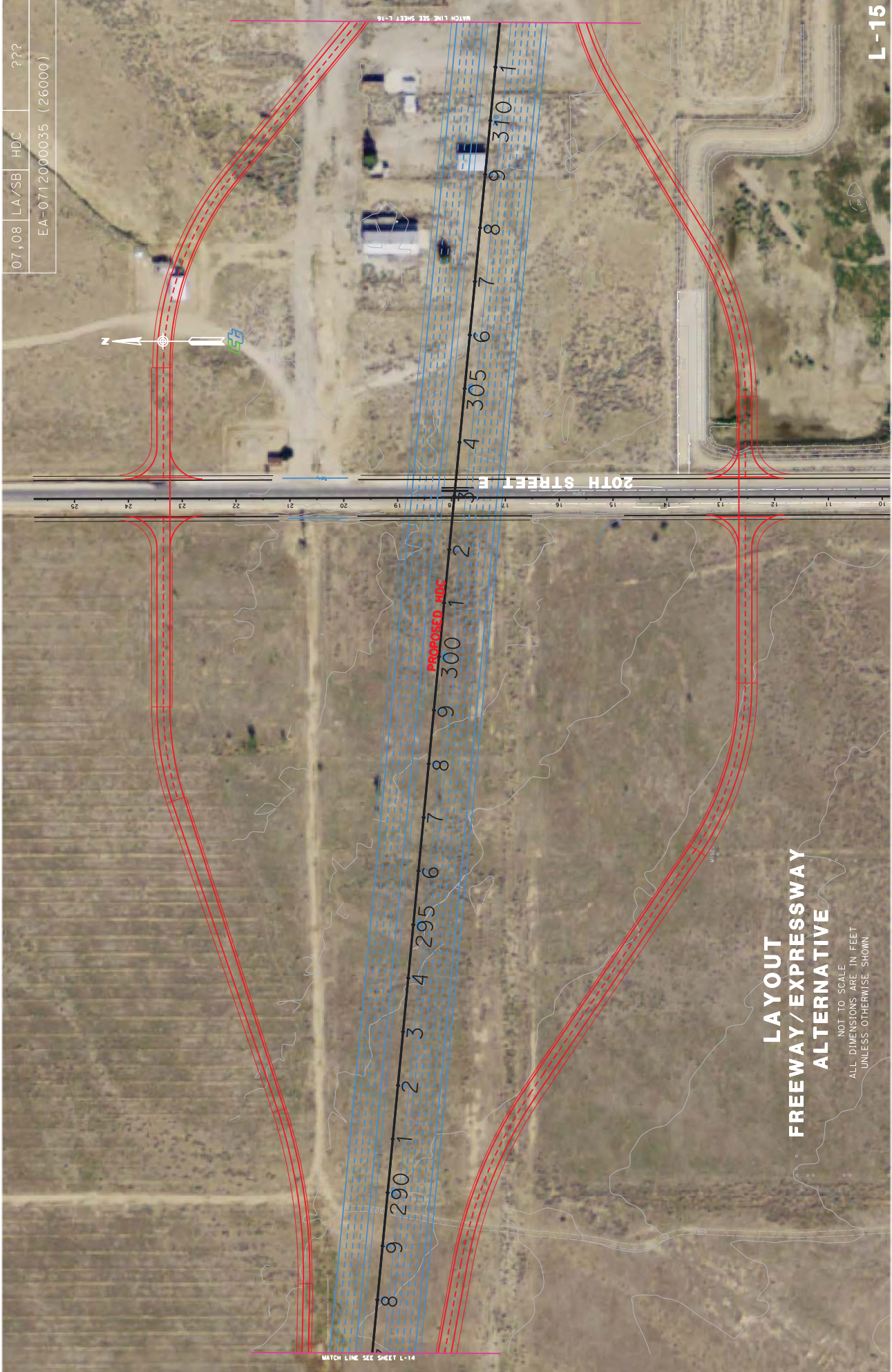
MATCH LINE SEE SHEET L-13

LAYOUT FREEWAY/EXPRESSWAY ALTERNATIVE

NOT TO SCALE
ALL DIMENSIONS ARE IN FEET
UNLESS OTHERWISE SHOWN

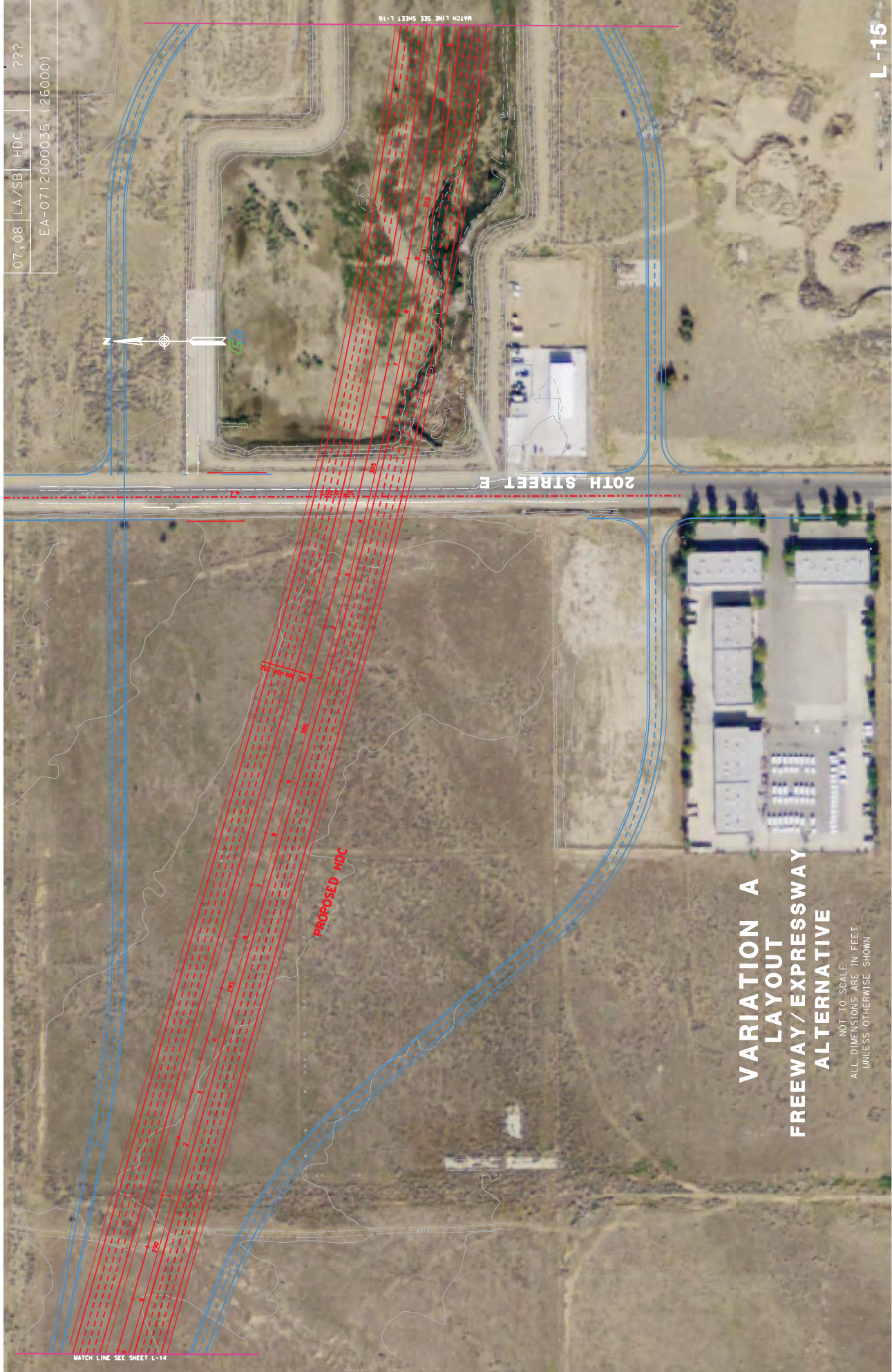
L-14

07,08	LA/SB	HDC	???
EA-0712000035 (26000)			



LAYOUT FREEWAY/EXPRESSWAY ALTERNATIVE

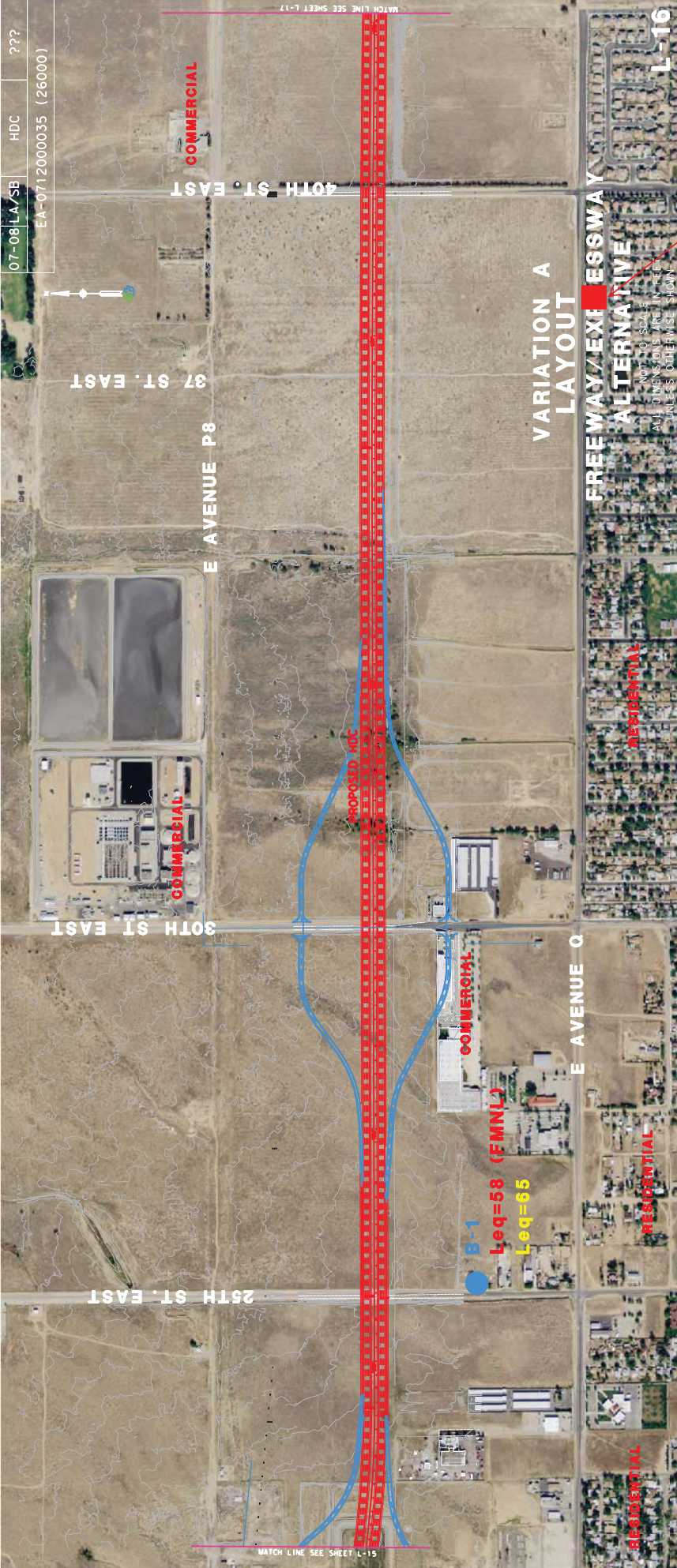
NOT TO SCALE
ALL DIMENSIONS ARE IN FEET
UNLESS OTHERWISE SHOWN



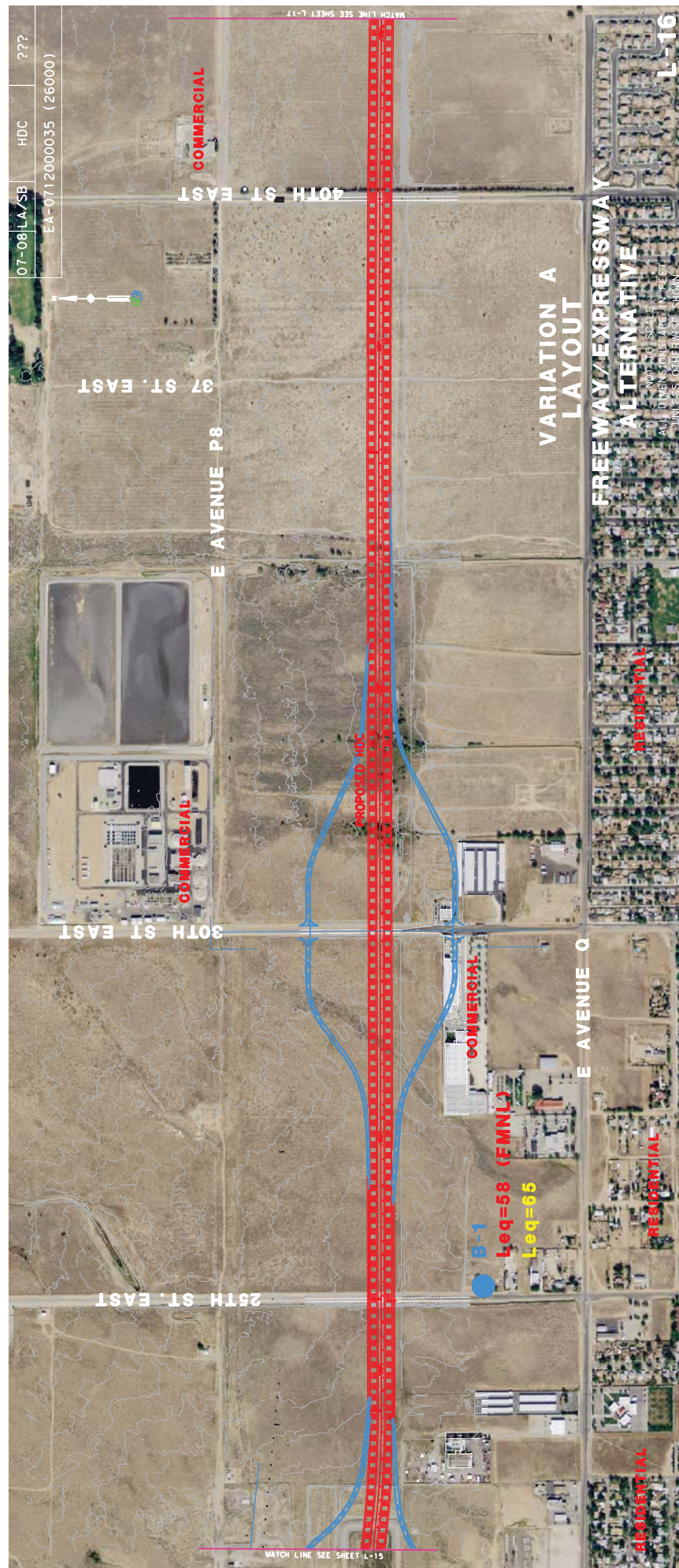
VARIATION A FREIGHTWAY/EXPRESSWAY LAYOUT ALTERNATIVE

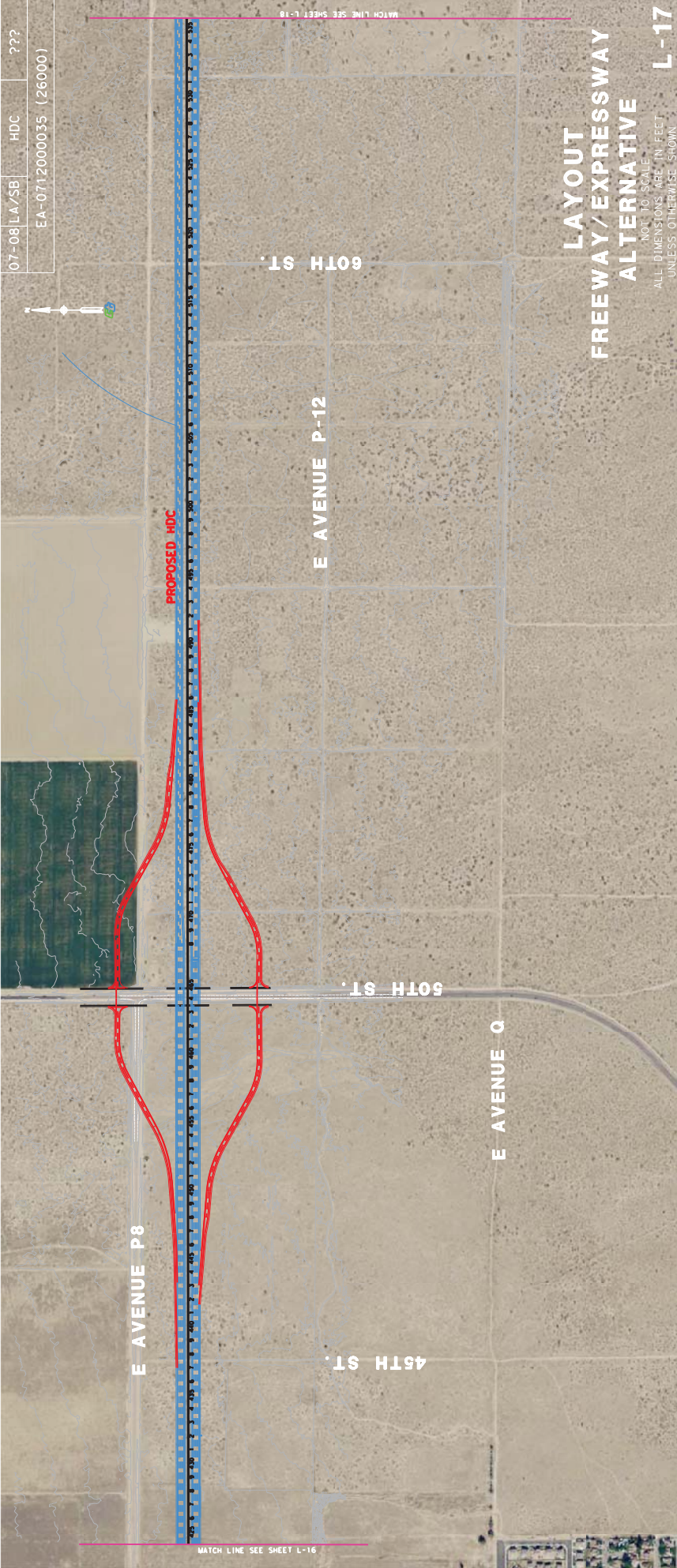
NOT TO SCALE
ALL DIMENSIONS ARE IN FEET
UNLESS OTHERWISE SHOWN

07,08	LA/SB	HDC	???
EA-0712000035 (26000)			



LT2

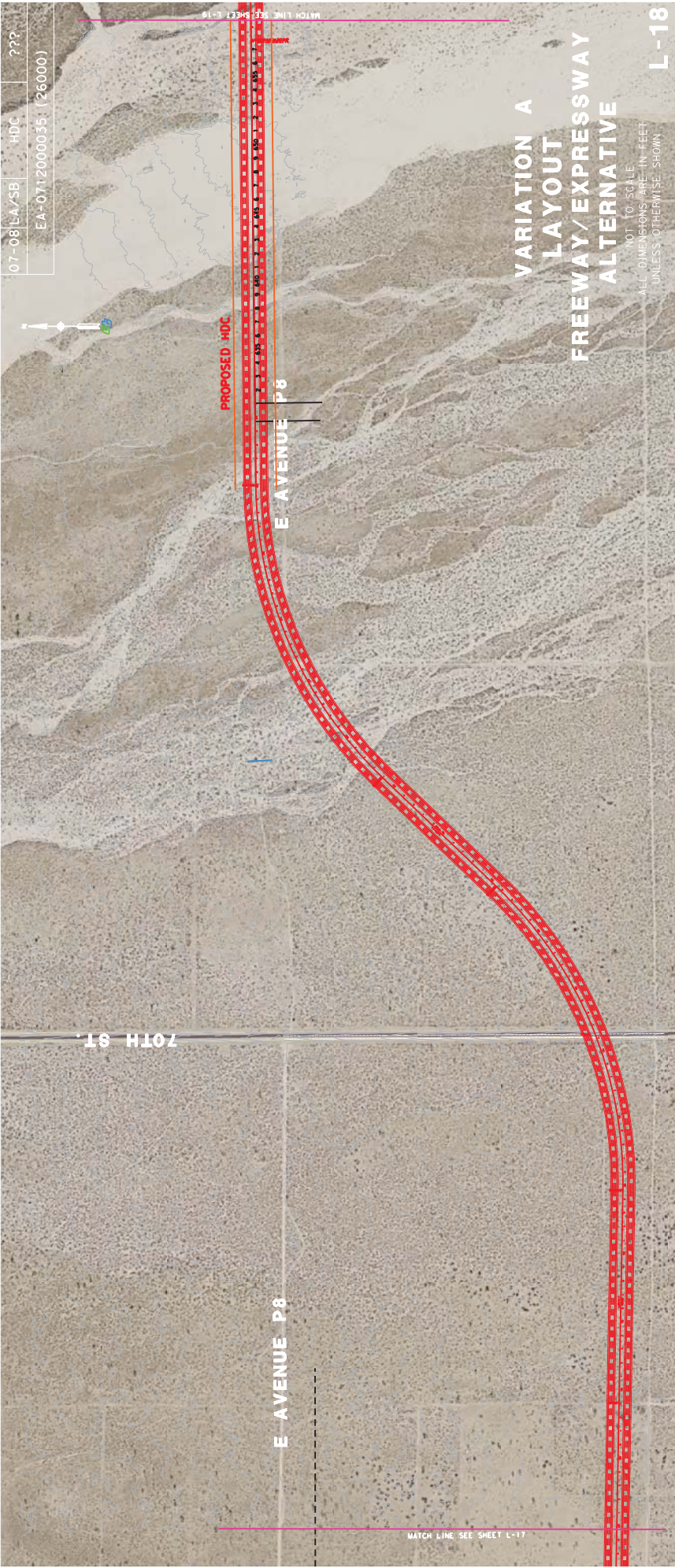




07-08	LA/SB	HDC	???
EA-0712000035 (26000)			

LAYOUT
FREEWAY/EXPRESSWAY
ALTERNATIVE
NOT TO SCALE
ALL DIMENSIONS ARE IN FEET
UNLESS OTHERWISE SHOWN
L-17





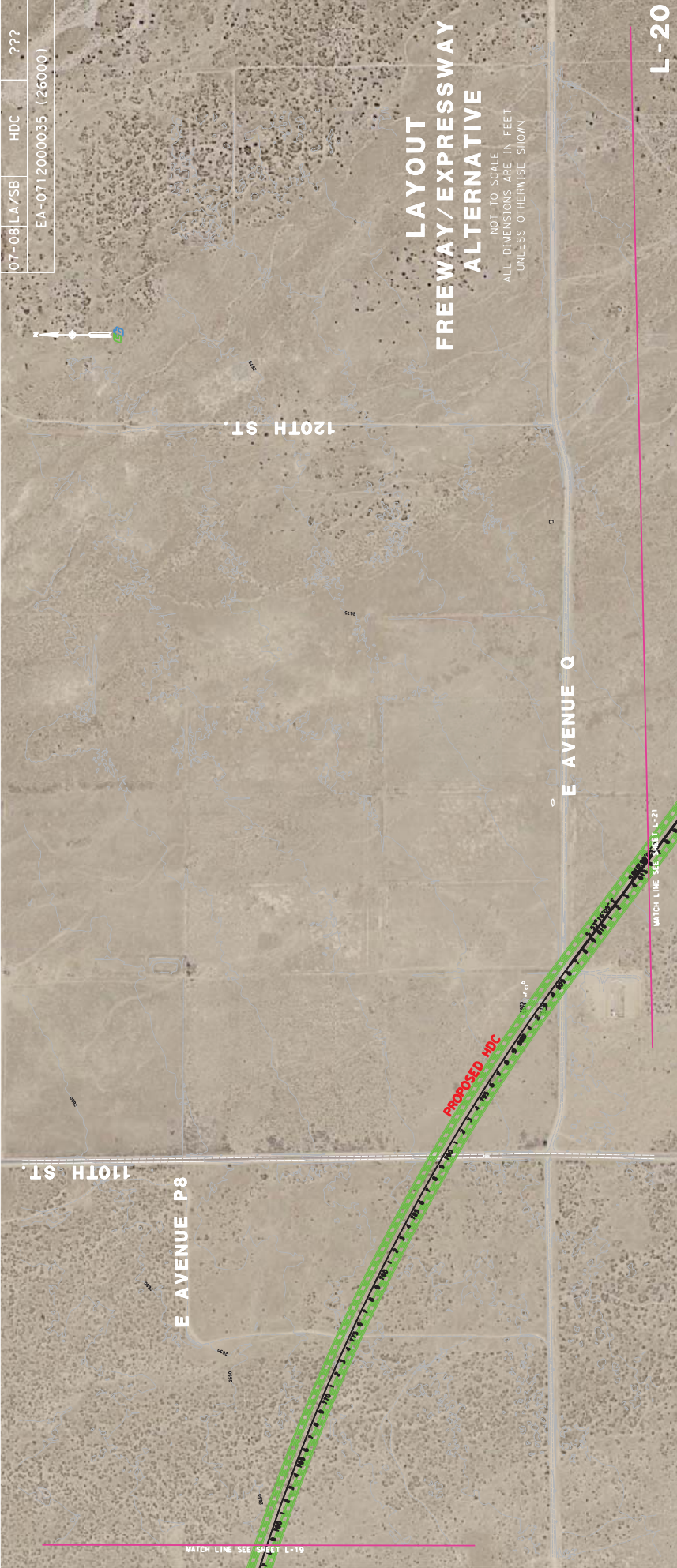
07-08	LA/SB	HDC	???
EA-0712000035 (26000)			



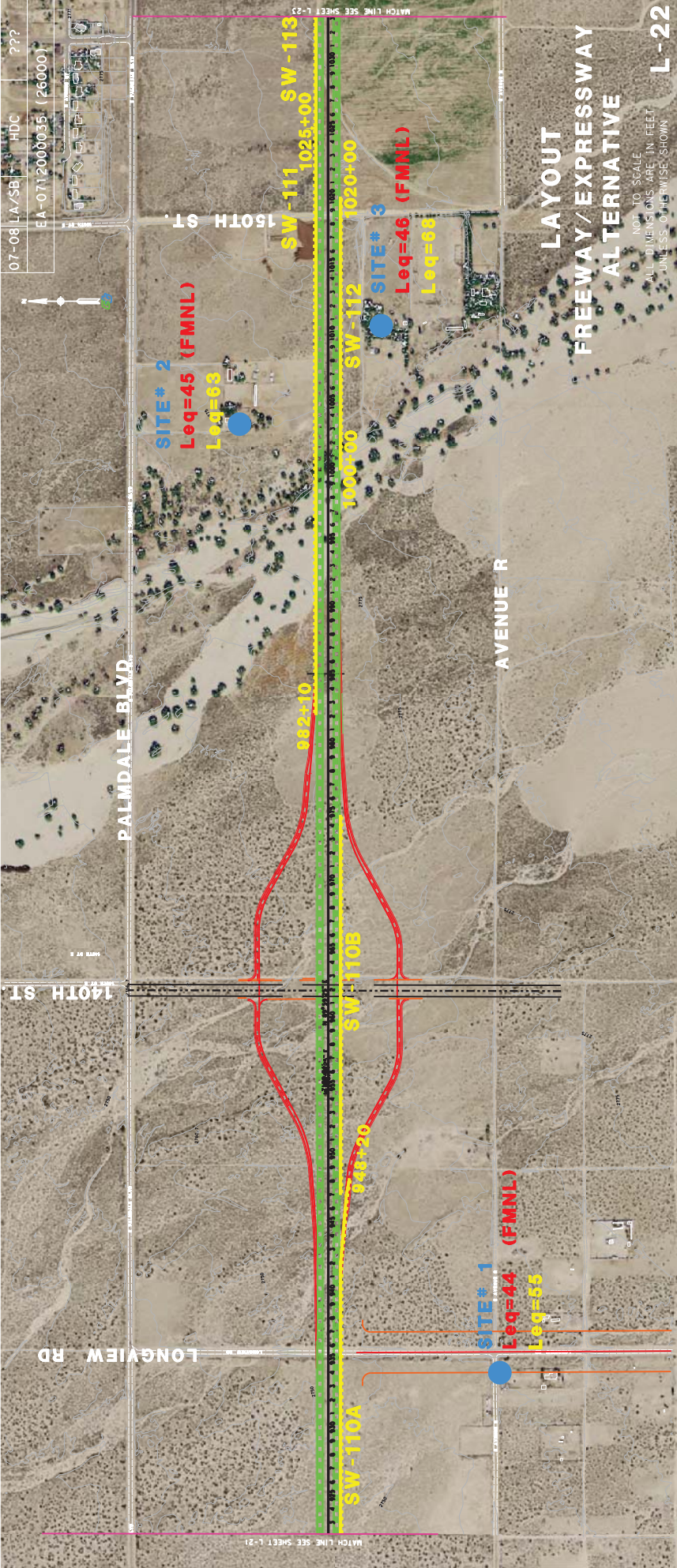
LAYOUT
FREEWAY/EXPRESSWAY
ALTERNATIVE

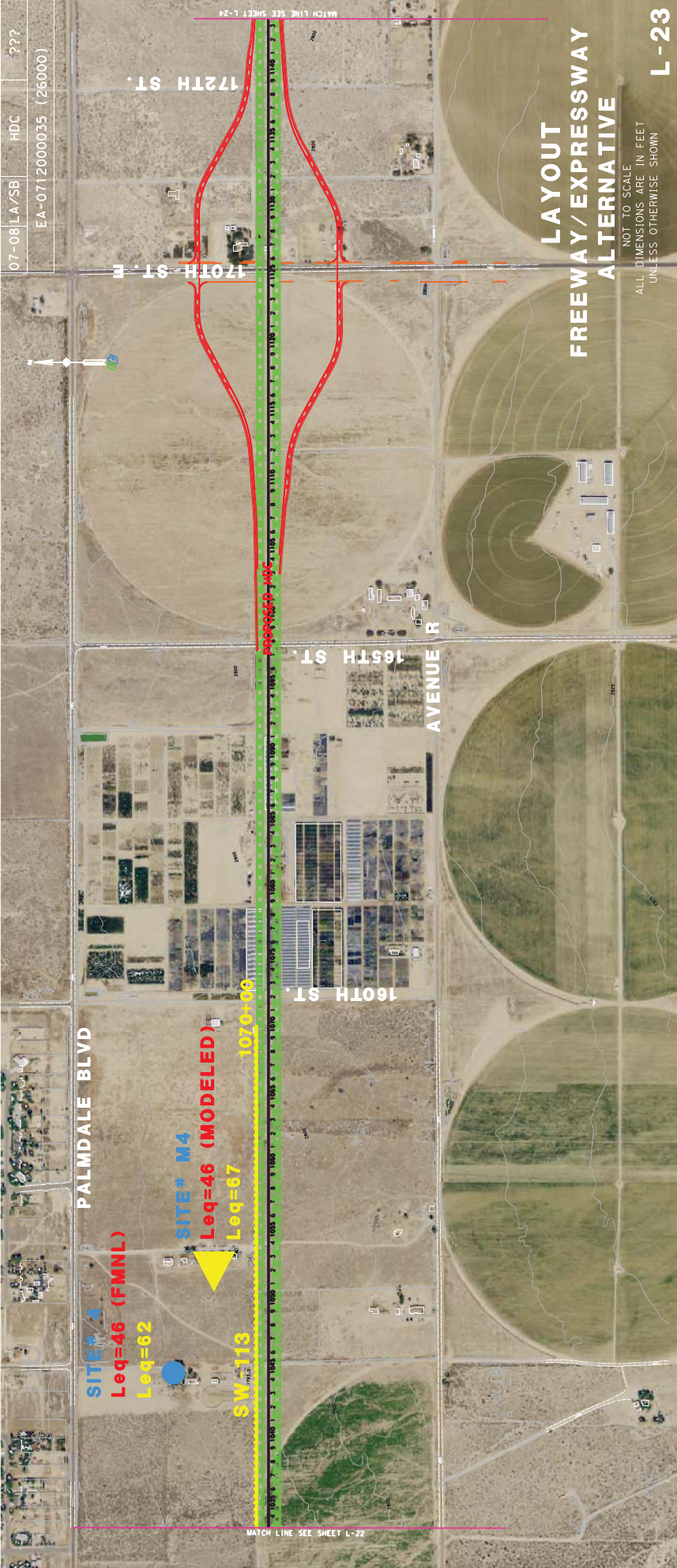
NOT TO SCALE
ALL DIMENSIONS ARE IN FEET
UNLESS OTHERWISE SHOWN

L-19

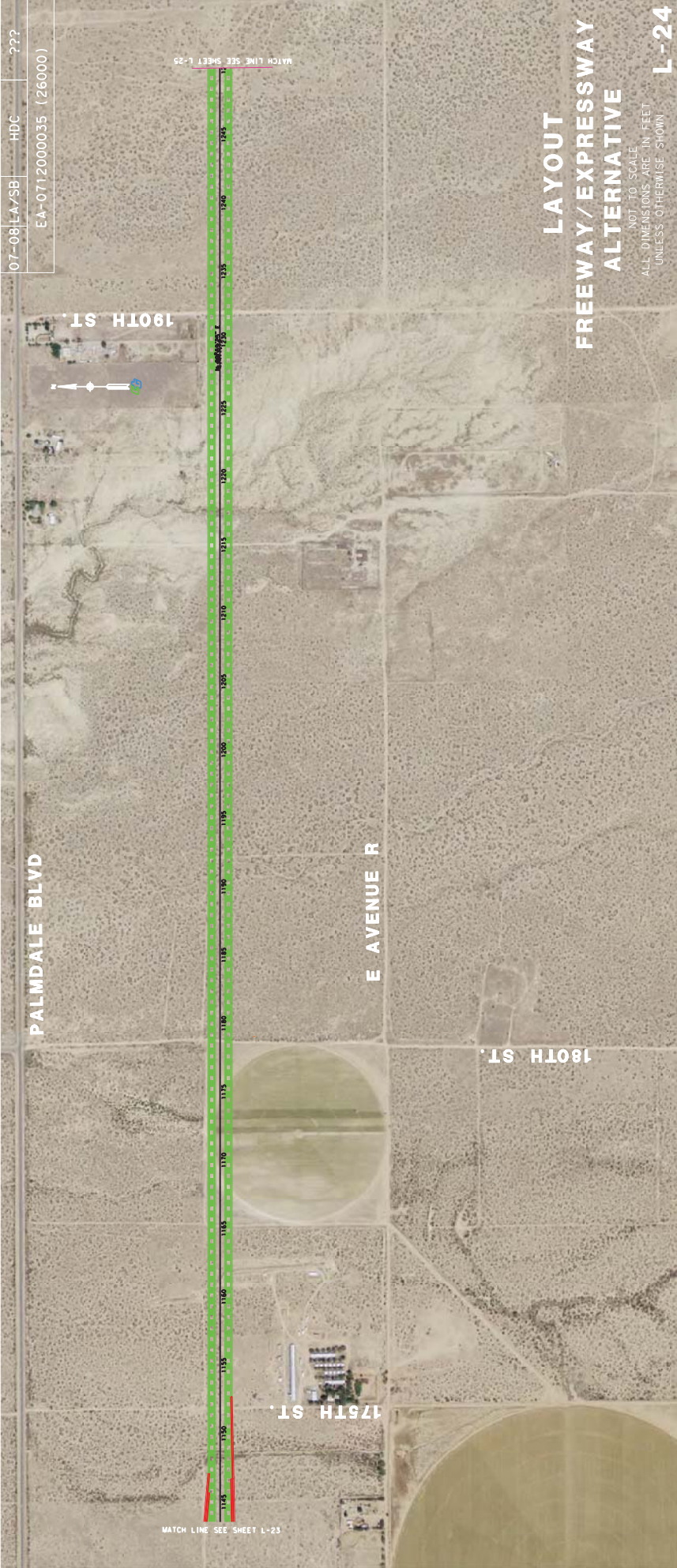








07-08	LA/SB	HDC	222
EA-0712000035 (26000)			



LAYOUT
FREEWAY/EXPRESSWAY
ALTERNATIVE
NOT TO SCALE
ALL DIMENSIONS ARE IN FEET
UNLESS OTHERWISE SHOWN
L-24

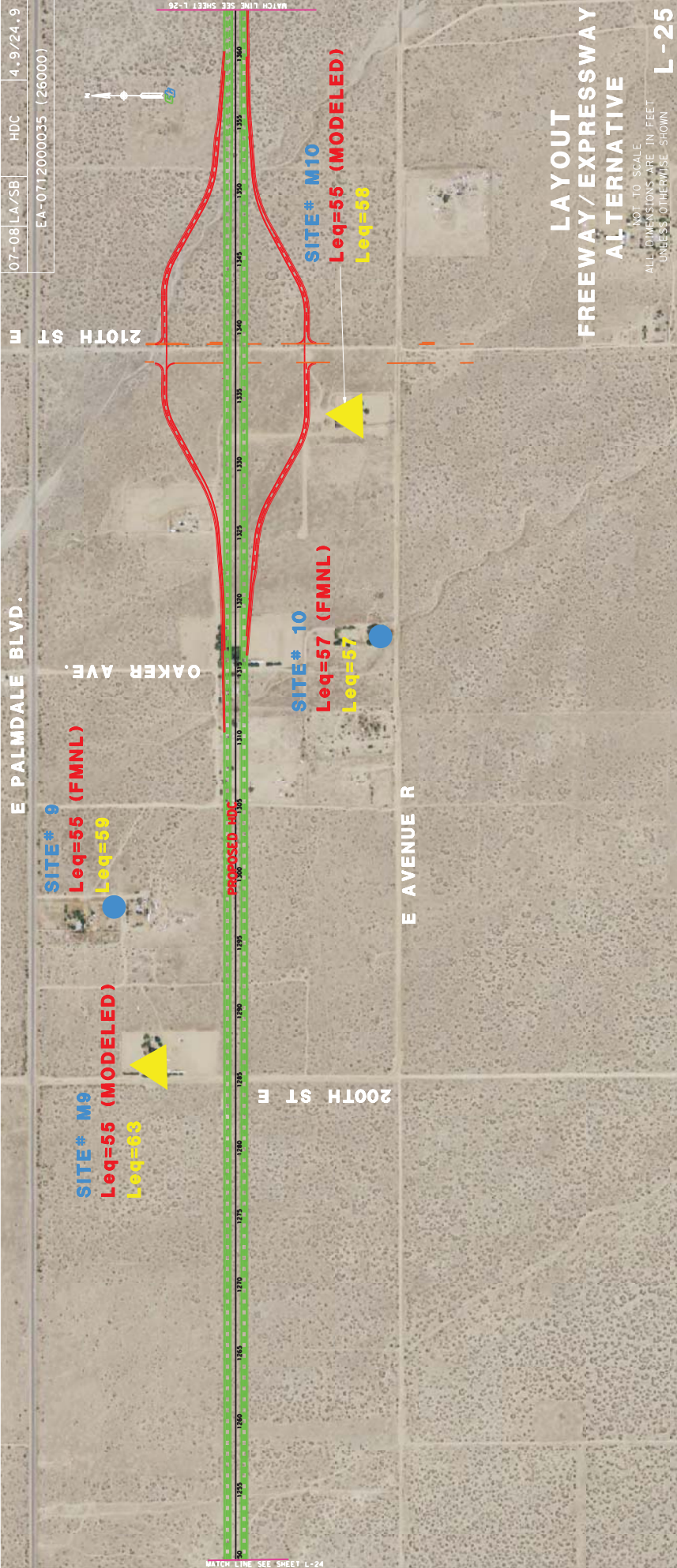
07-08	LA/SB	HDC	232
EA-0712000035 (26000)			

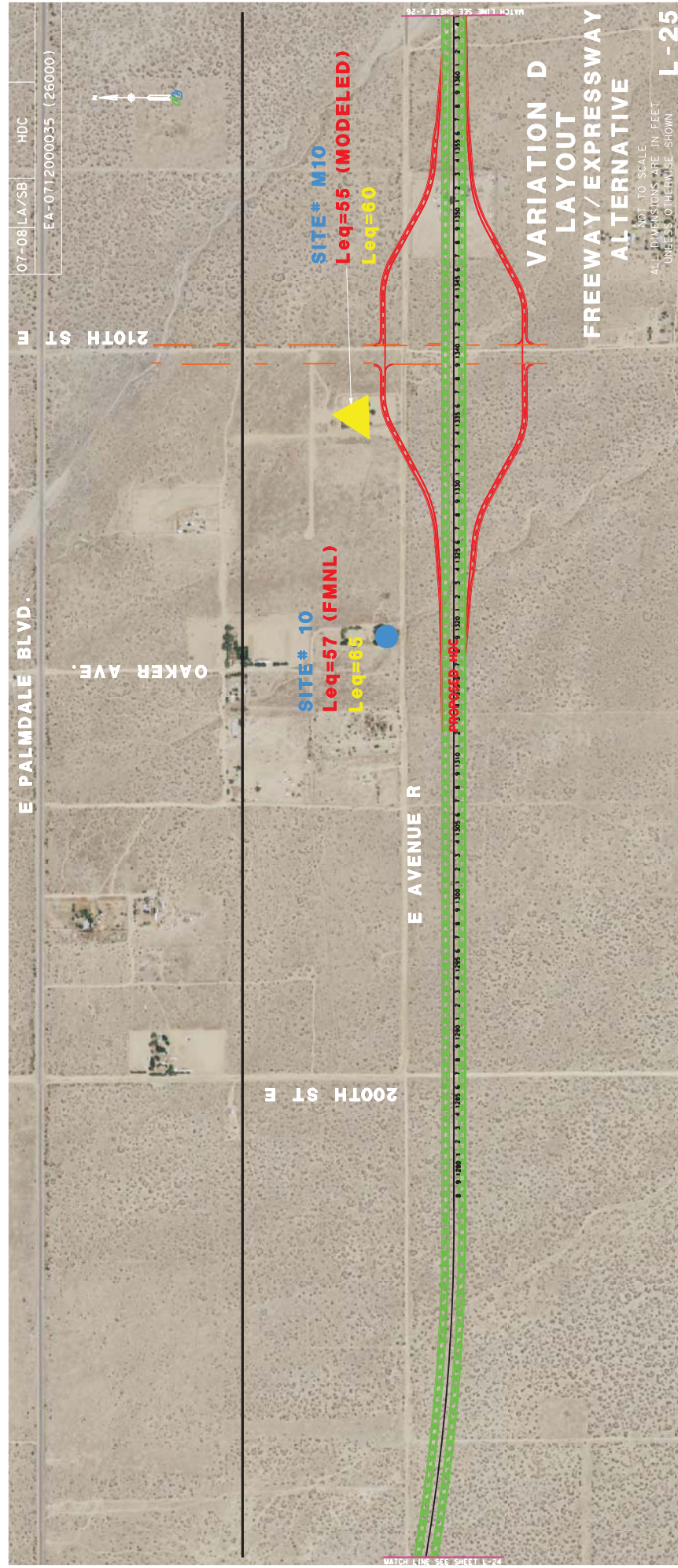


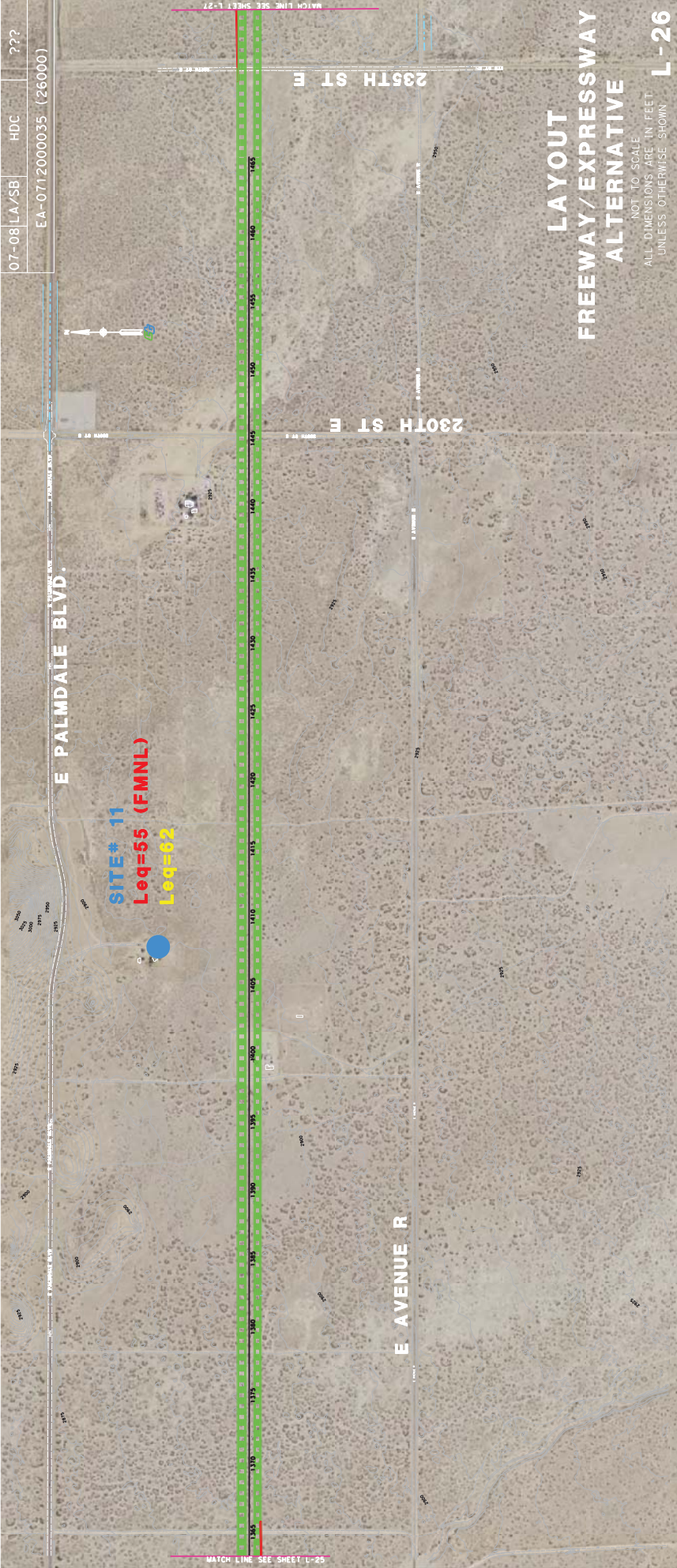
**VARIATION D
LAYOUT
FREIGHTWAY/EXPRESSWAY
ALTERNATIVE**

NOT TO SCALE
ALL DIMENSIONS ARE IN FEET
UNLESS OTHERWISE SHOWN

L-24







07-08 LA/SB HDC ???

EA-0712000035 (26000)

E PALMDALE BLVD.

E AVENUE R

235TH ST E

230TH ST E

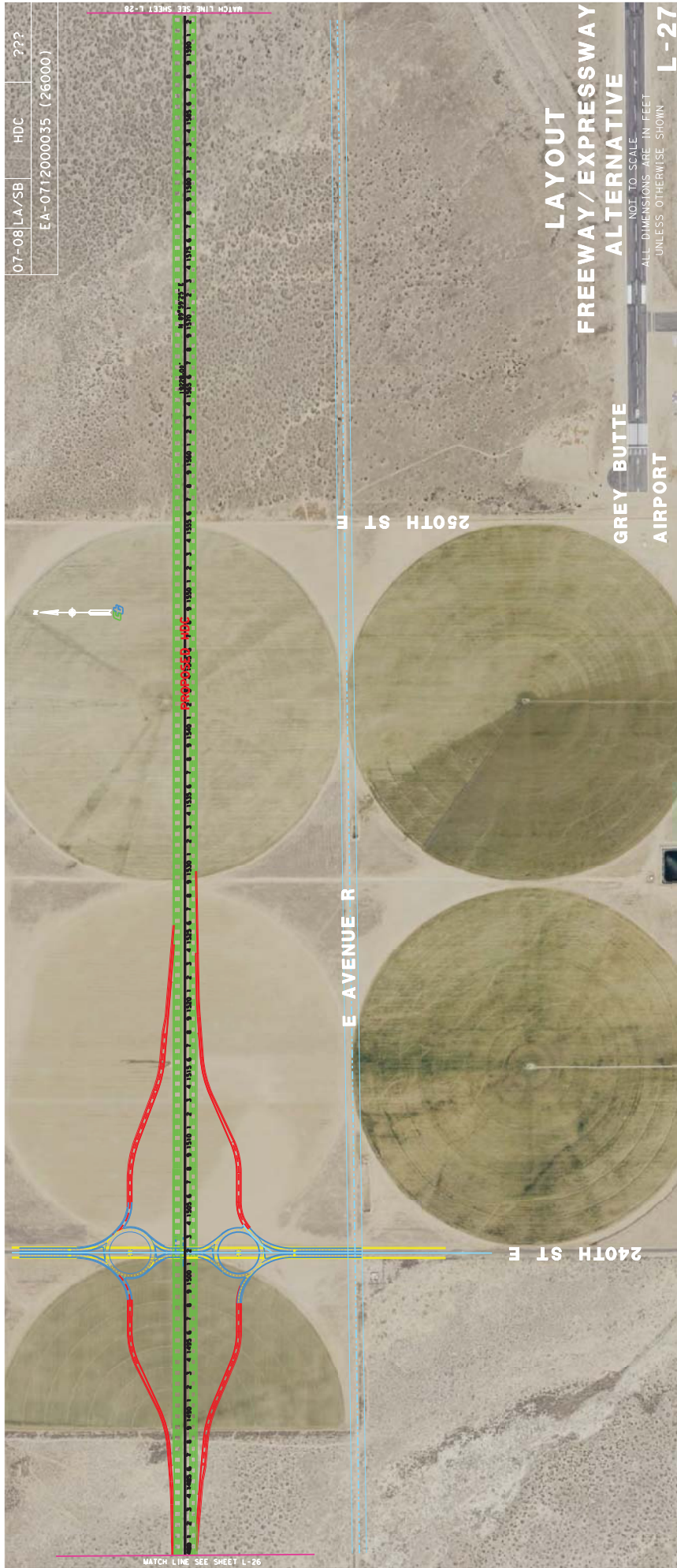
SITE# 11
Leq=55 (FMNL)
Leq=62

LAYOUT FREEWAY/EXPRESSWAY ALTERNATIVE

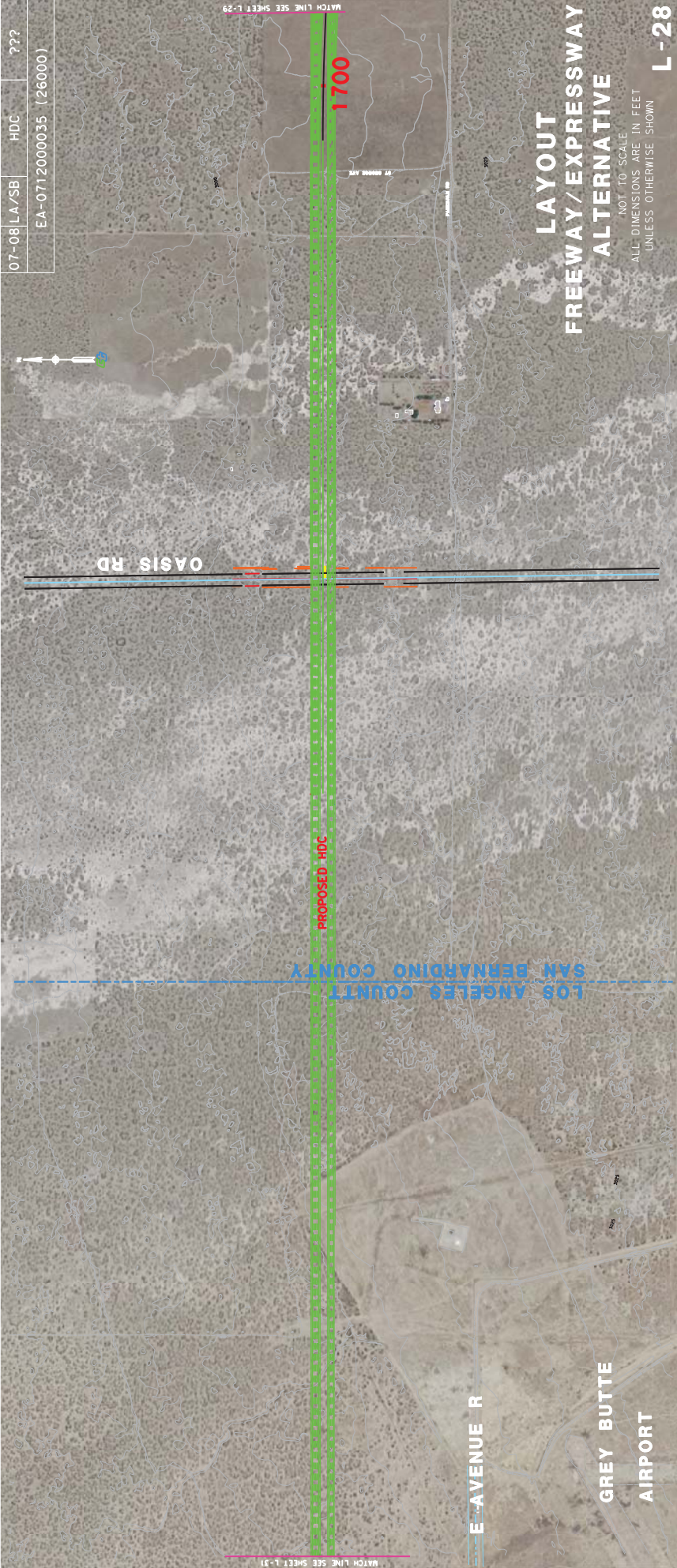
NOT TO SCALE
ALL DIMENSIONS ARE IN FEET
UNLESS OTHERWISE SHOWN

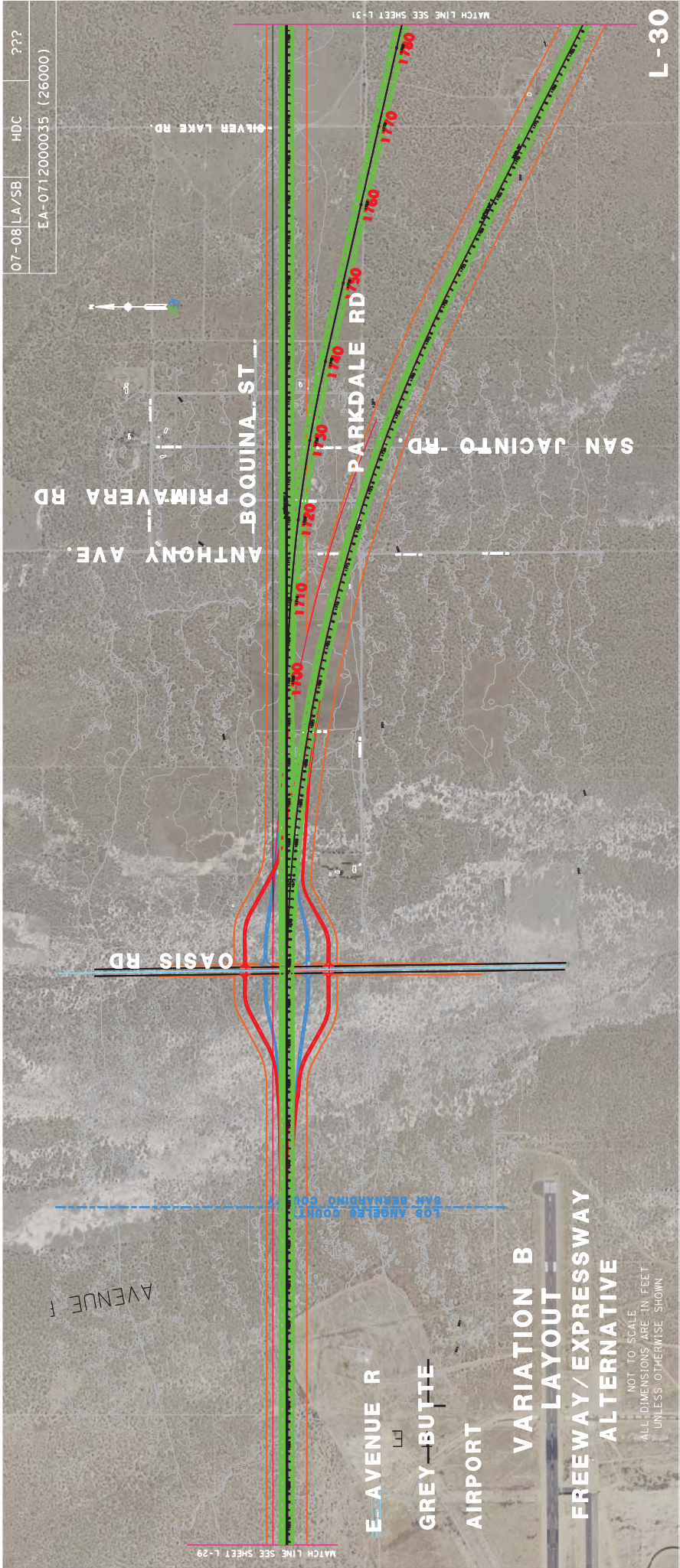
L-26

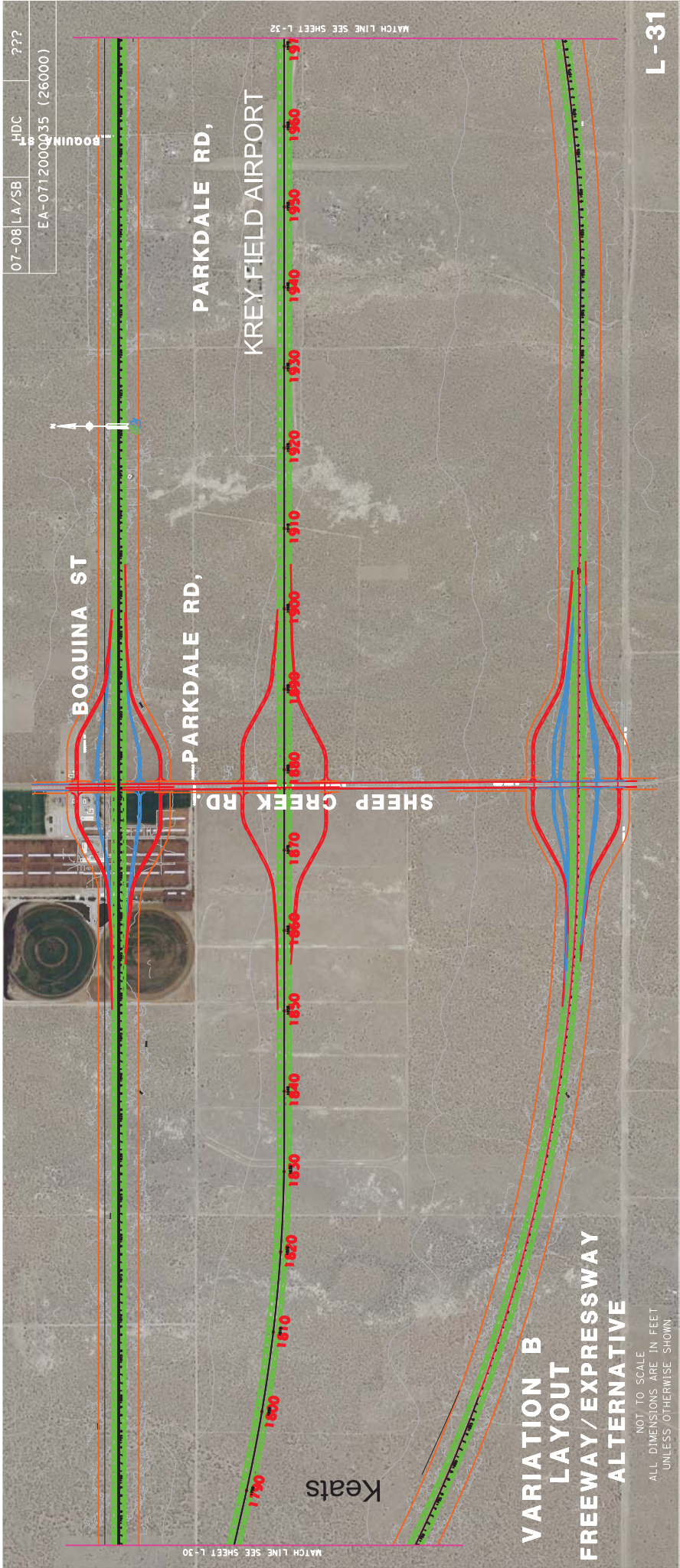
07-08	LA/SB	HDC	???
EA-071200035 (26000)			

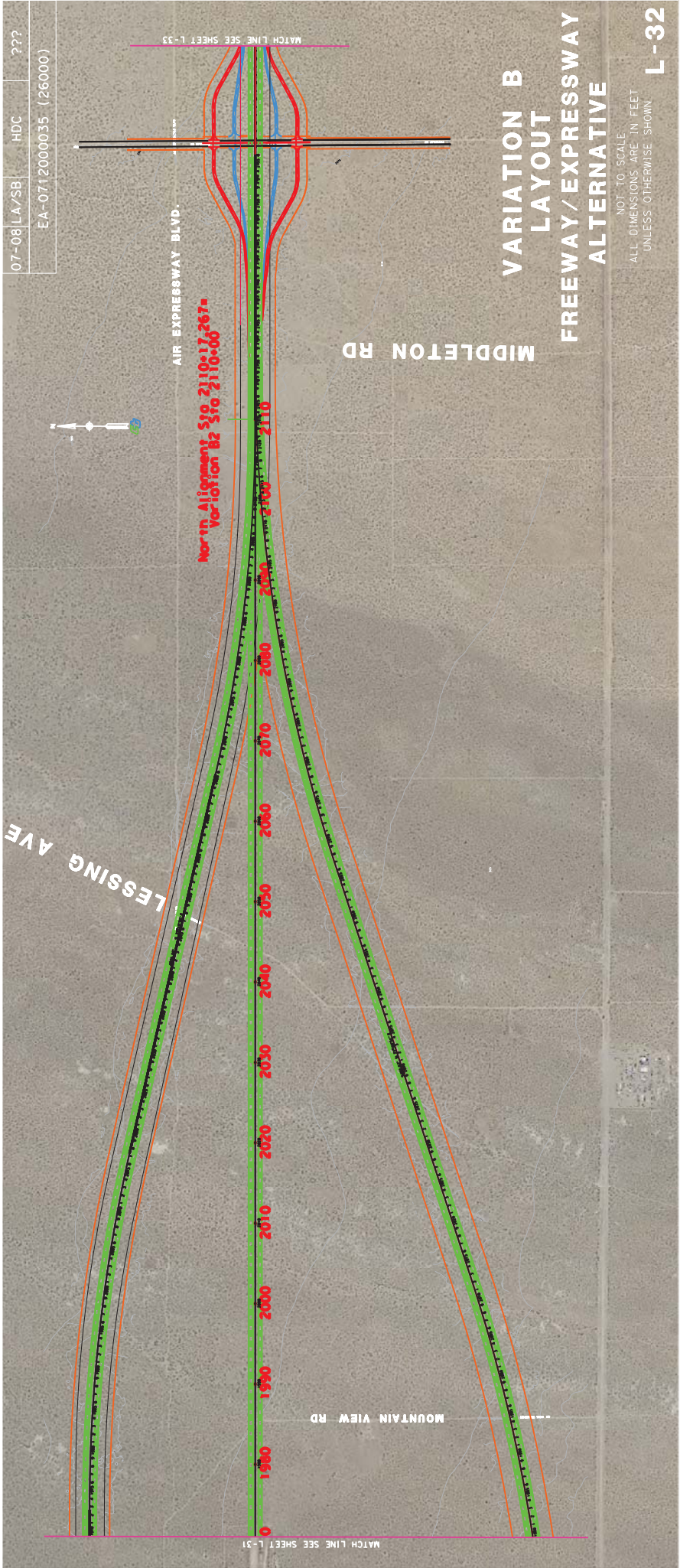


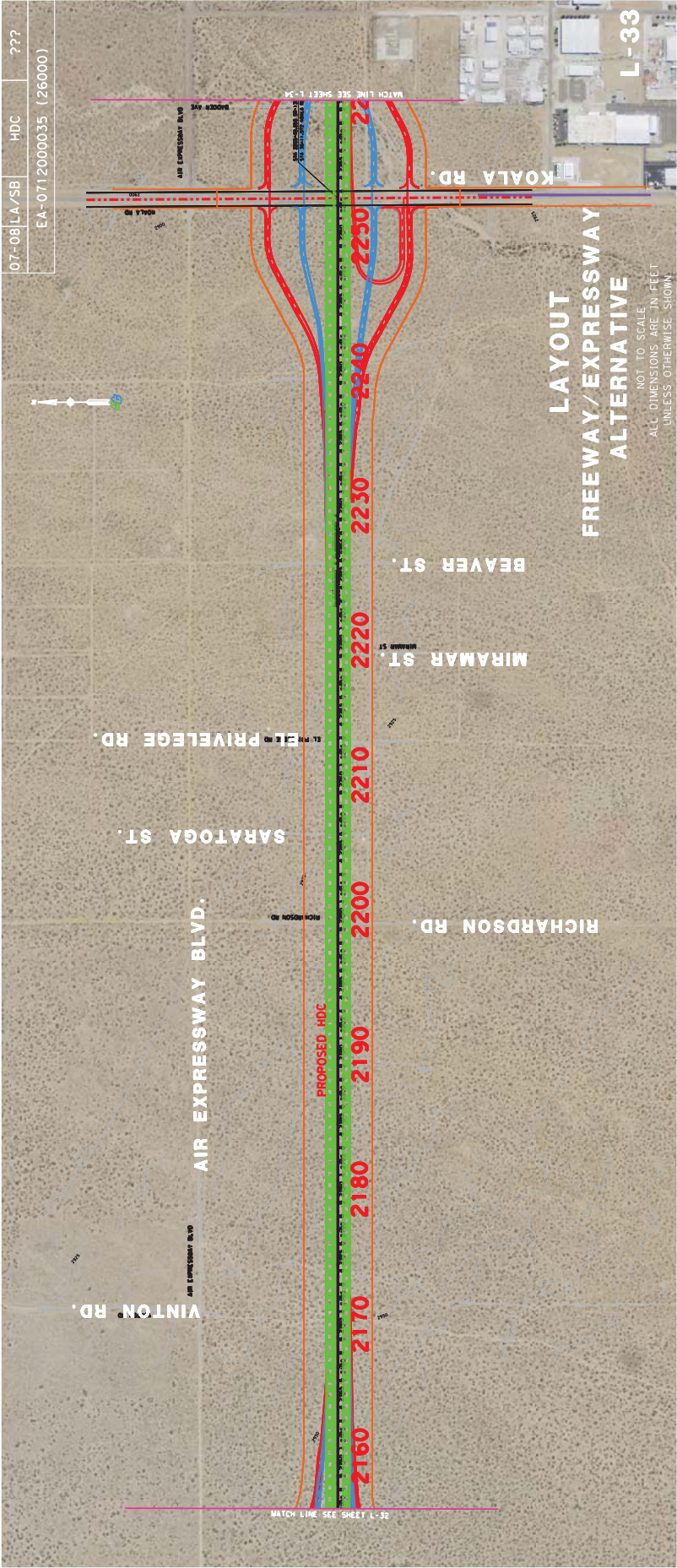
07-08	LA/SB	HDC	???
EA-0712000035 (26000)			





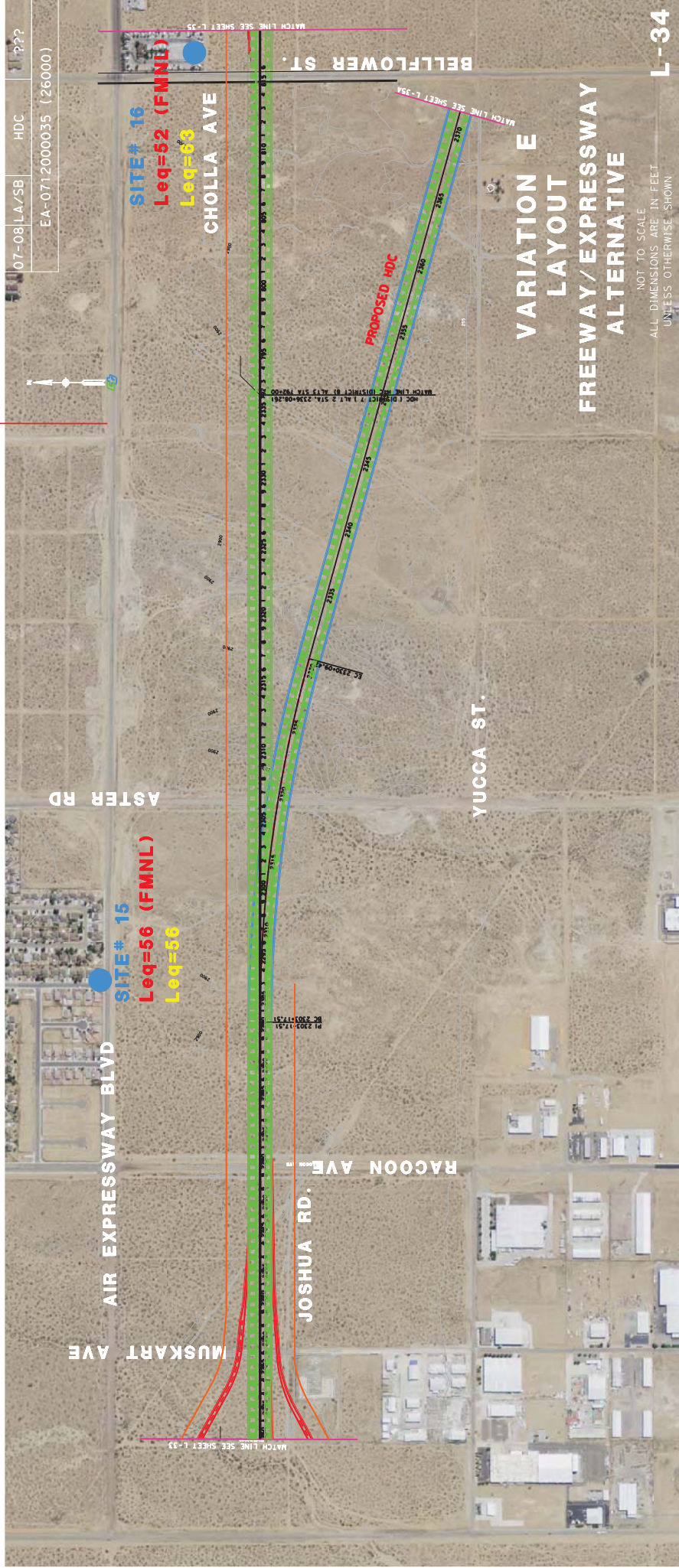






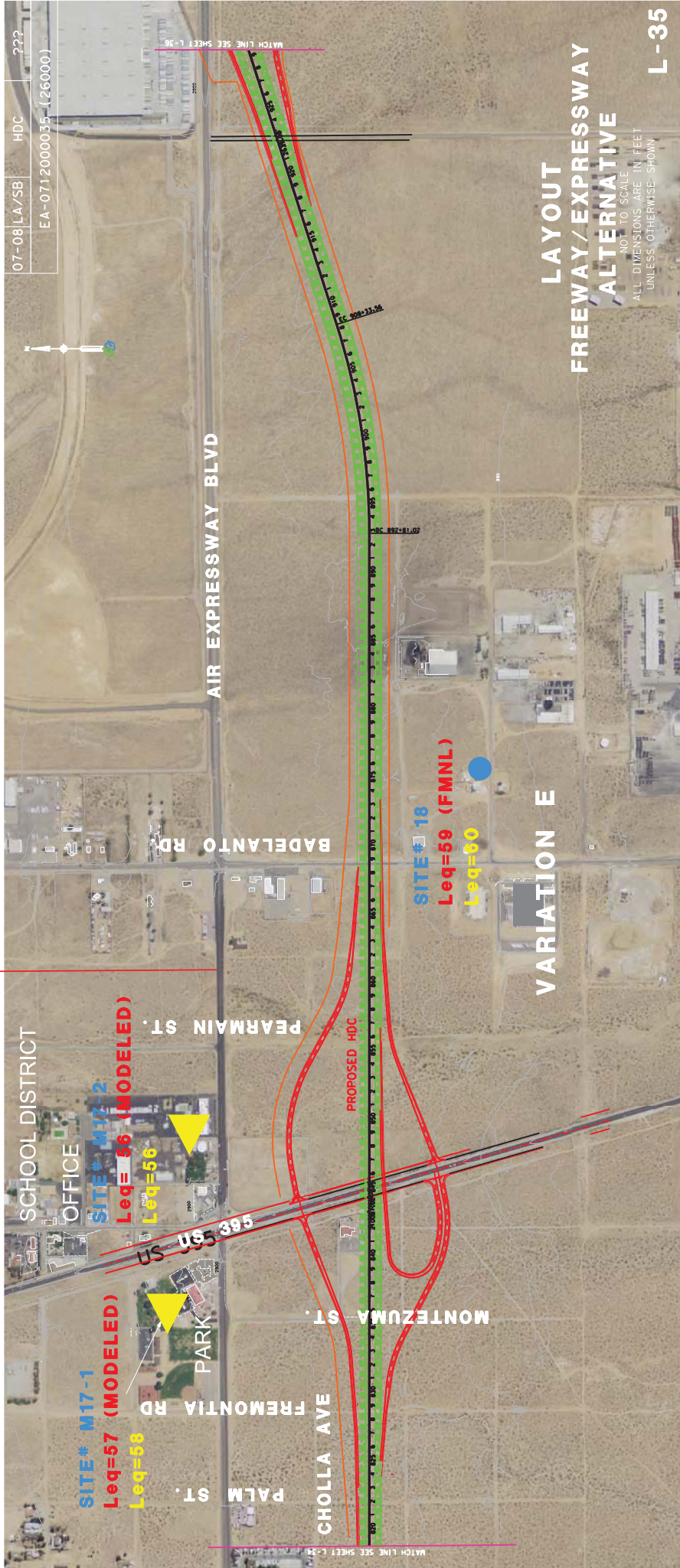
LT4

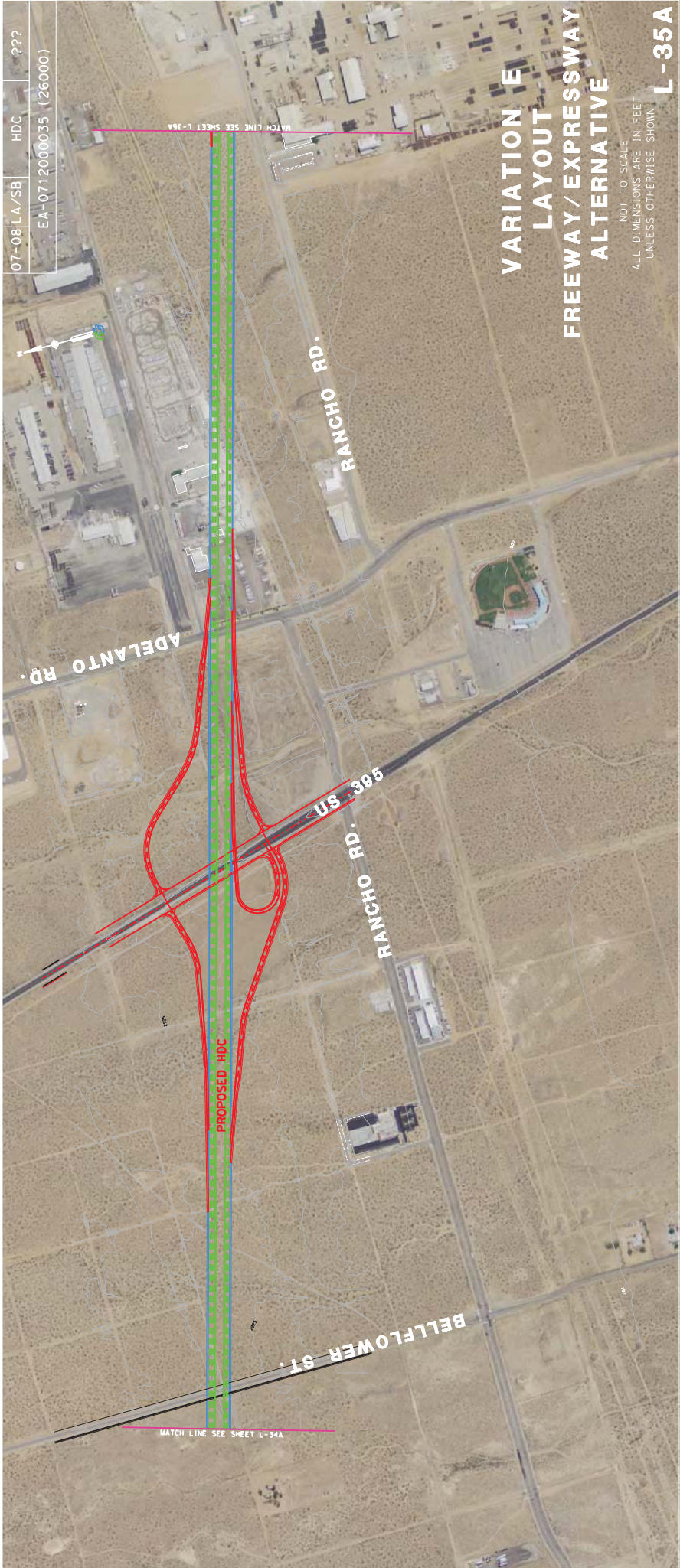
(1500' AWAY)





LT5





07-08 LA/SB HDC

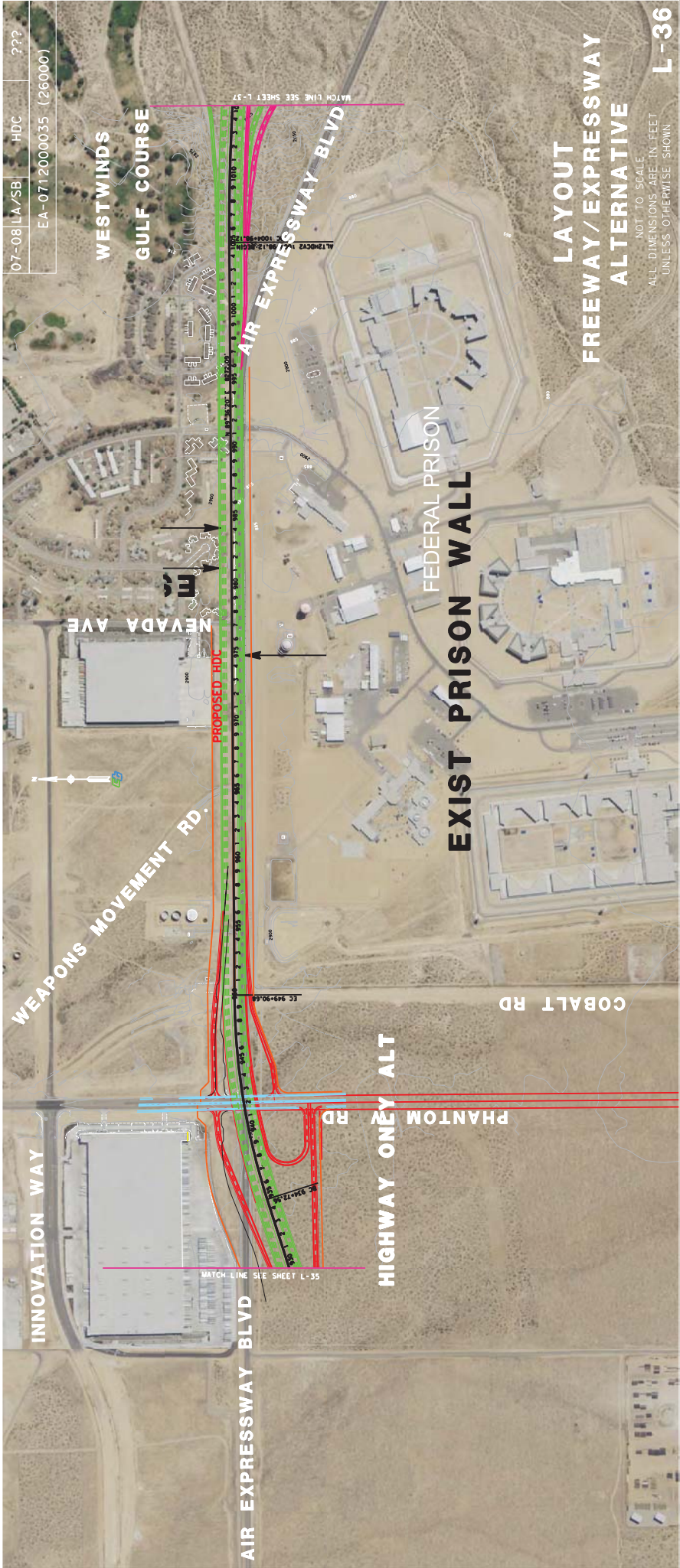
EA-0712000035 (26000)

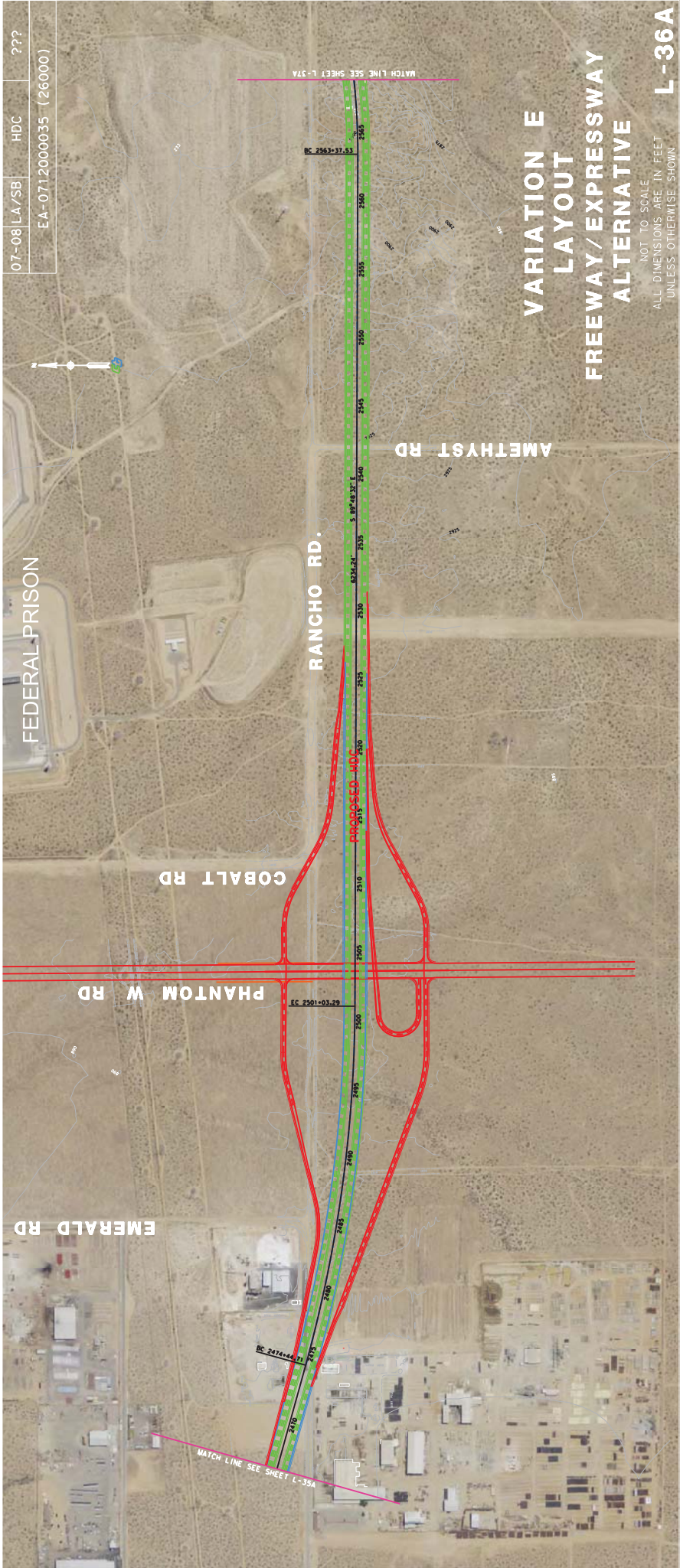
???

**VARIATION E
LAYOUT
FREEWAY/EXPRESSWAY
ALTERNATIVE**

NOT TO SCALE
ALL DIMENSIONS ARE IN FEET
UNLESS OTHERWISE SHOWN

L-35A





FEDERAL PRISON

PHANTOM W RD

COBALT RD

RANCHO RD

AMETHYST RD

VARIATION E
LAYOUT
FREEWAY/EXPRESSWAY
ALTERNATIVE

NOT TO SCALE
ALL DIMENSIONS ARE IN FEET
UNLESS OTHERWISE SHOWN

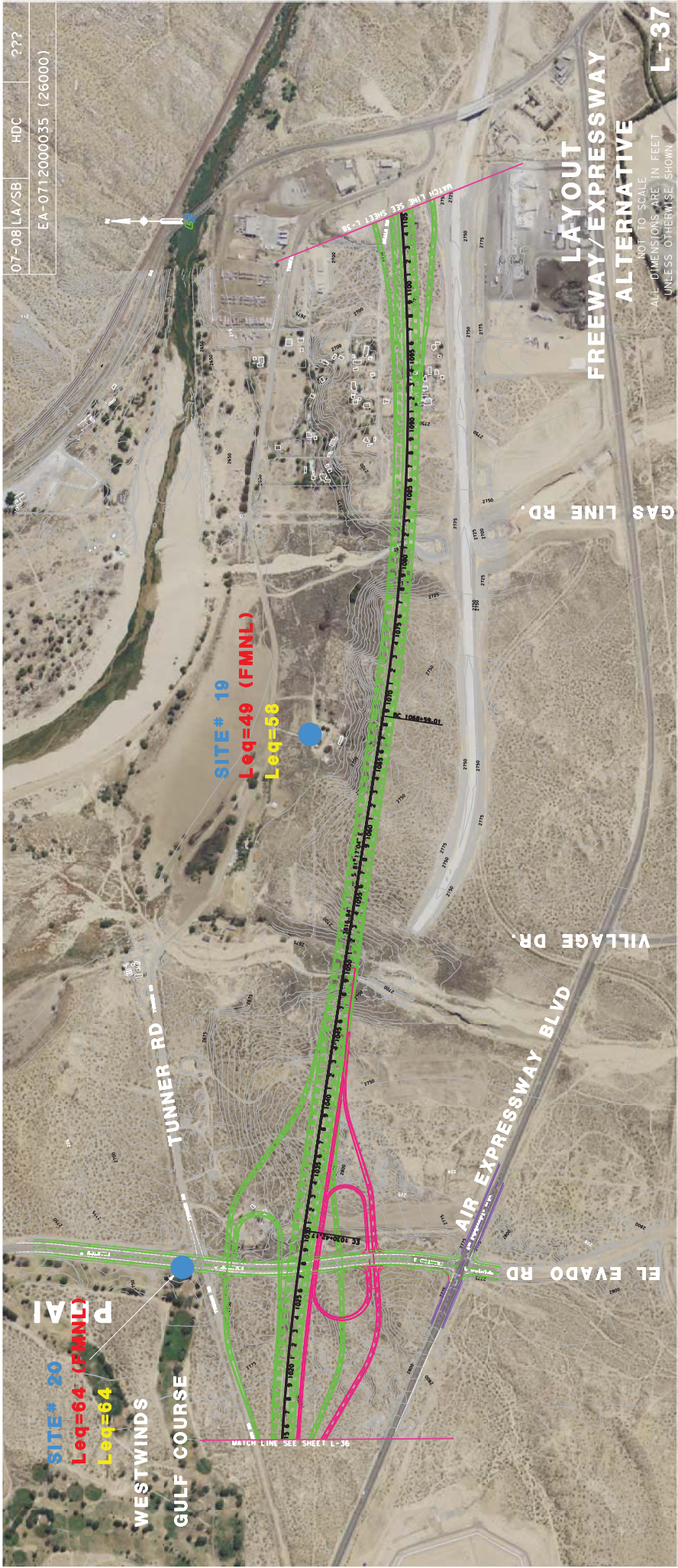
L-36A

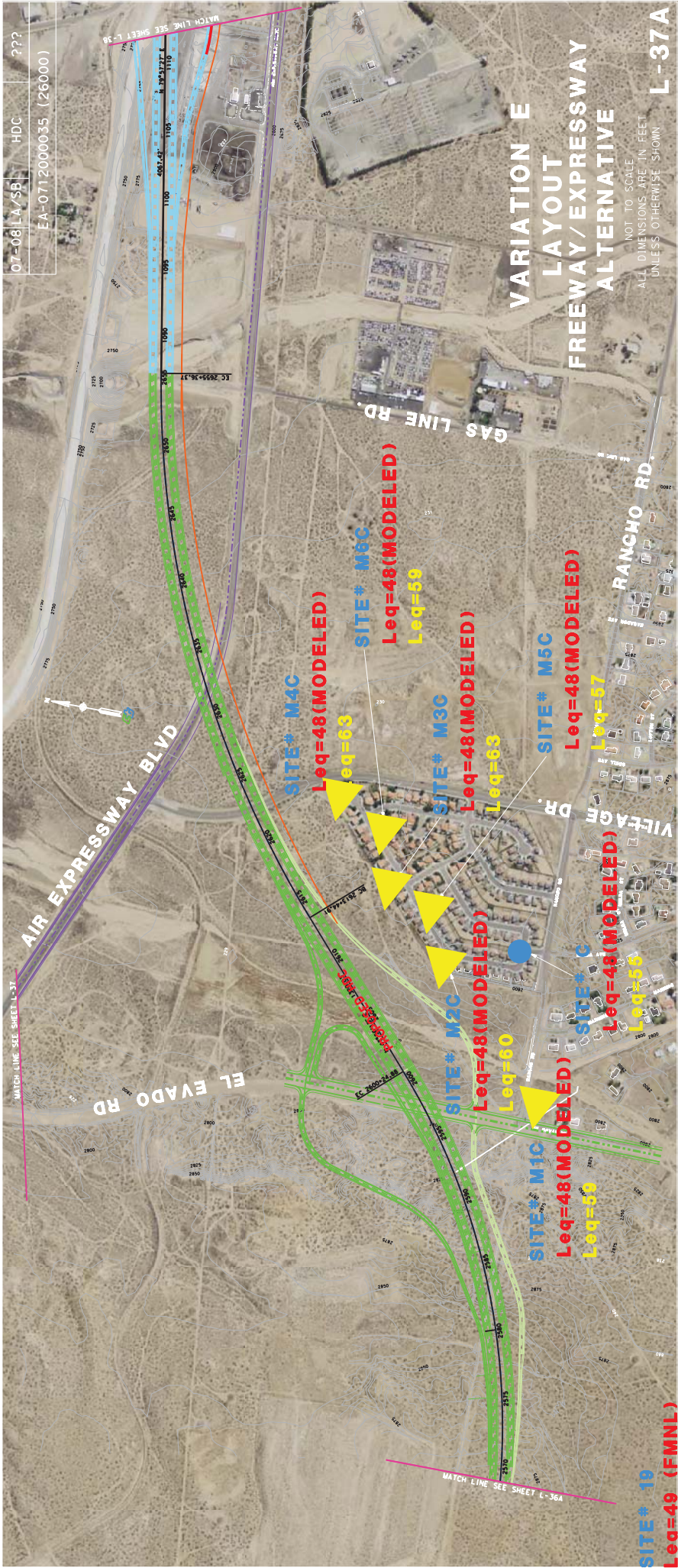
07-08 LA/SB HDC ???

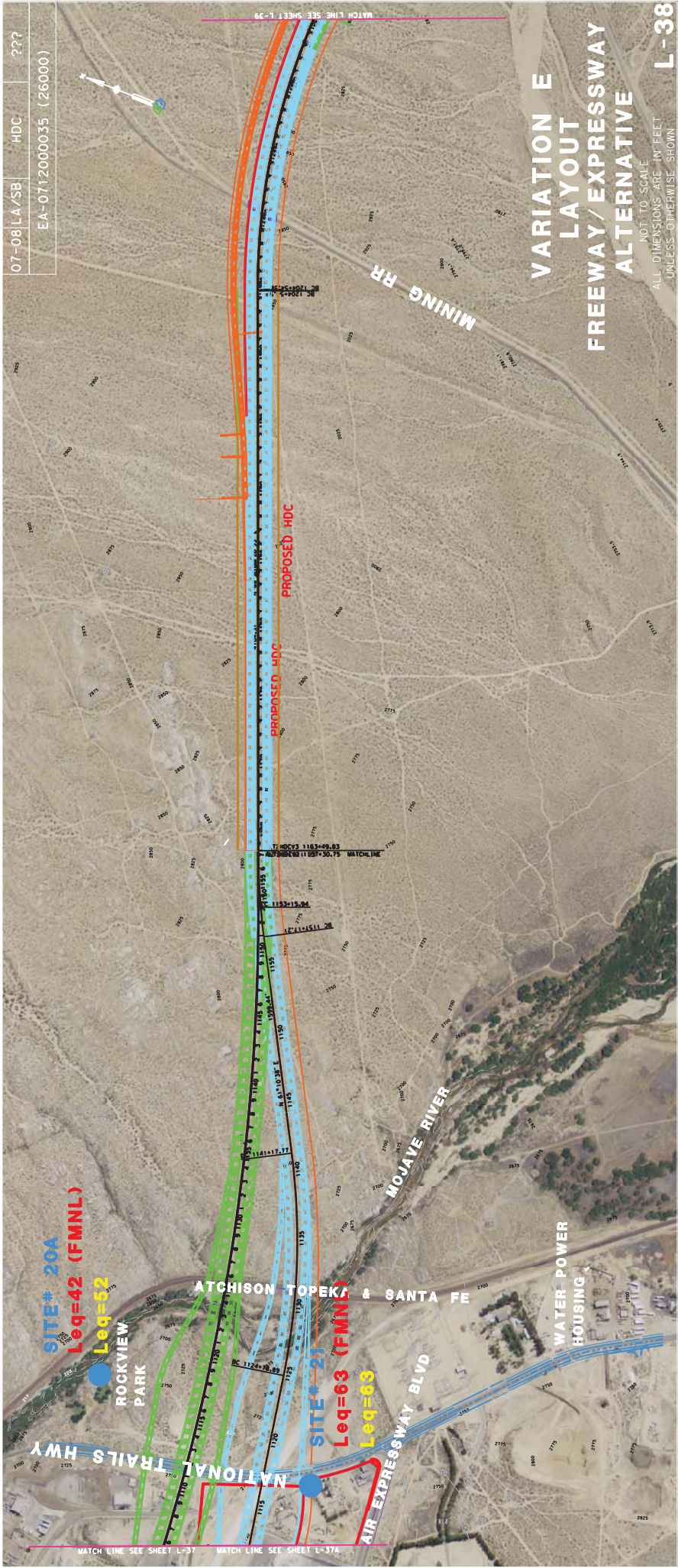
EA-0712000035 (26000)

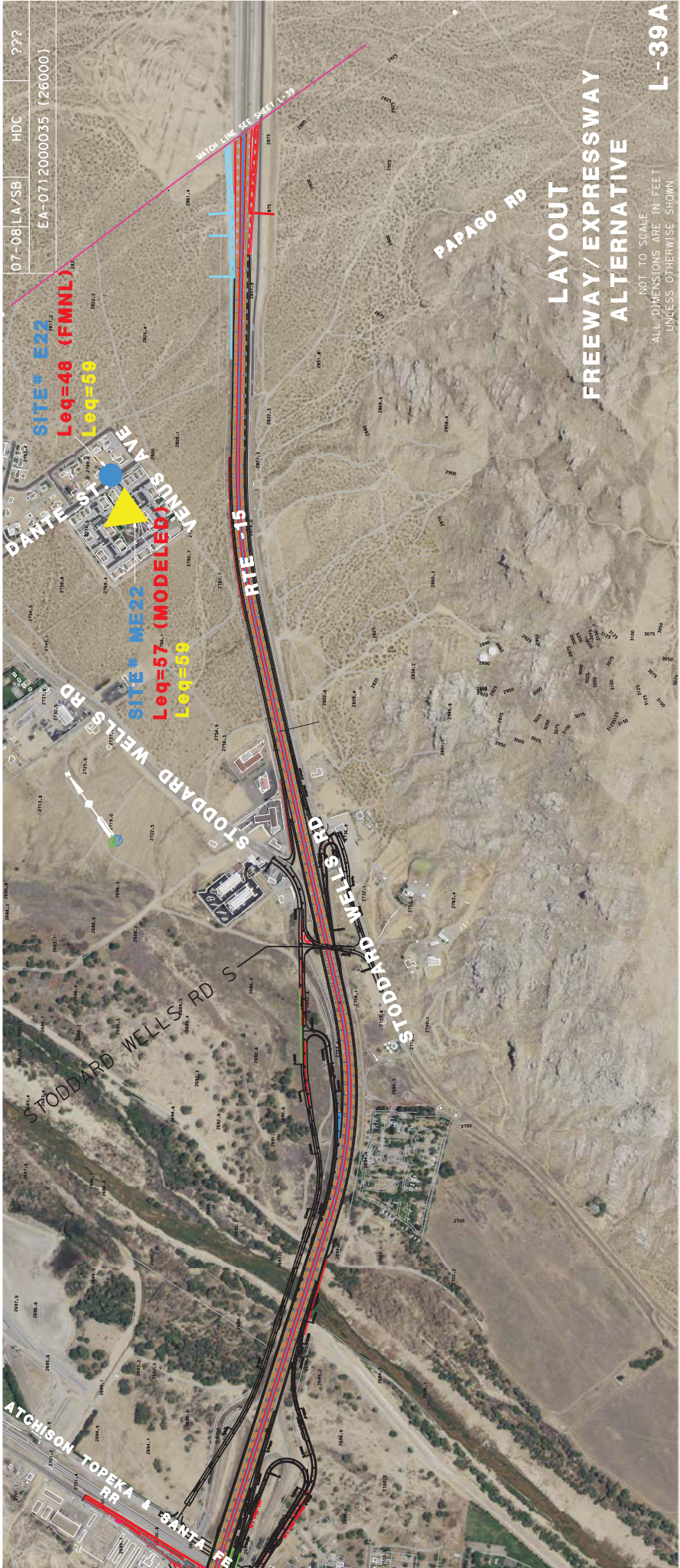
MATCH LINE SEE SHEET L-37A

MATCH LINE SEE SHEET L-35A









LAYOUT
FREEWAY/EXPRESSWAY
ALTERNATIVE

NOT TO SCALE
ALL DIMENSIONS ARE IN FEET
UNLESS OTHERWISE SHOWN

L-39A

07-08	LA/SB	HDC	???
EA-0712000035 (26000)			



CHOCO RD

PROPOSED HDC

FALCHION RD

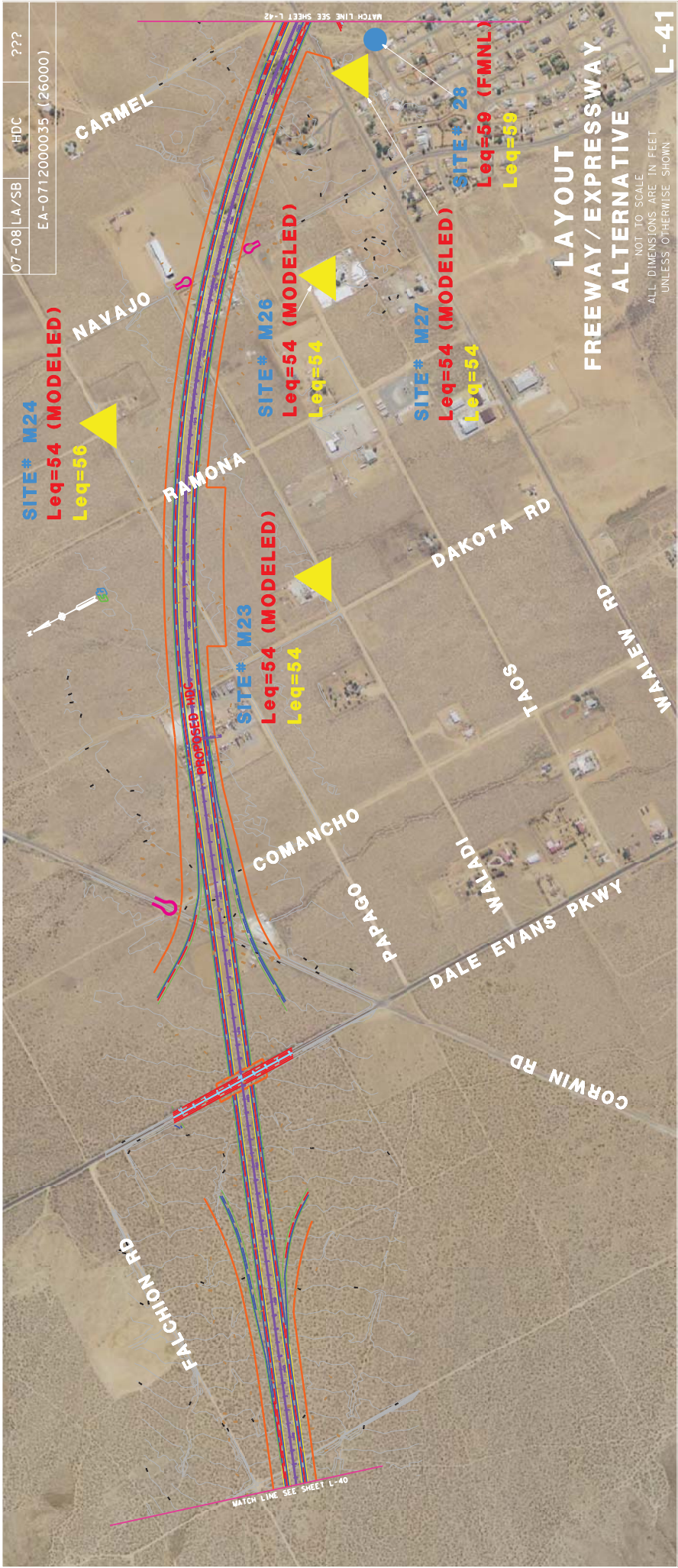
LAYOUT FREEWAY/EXPRESSWAY ALTERNATIVE

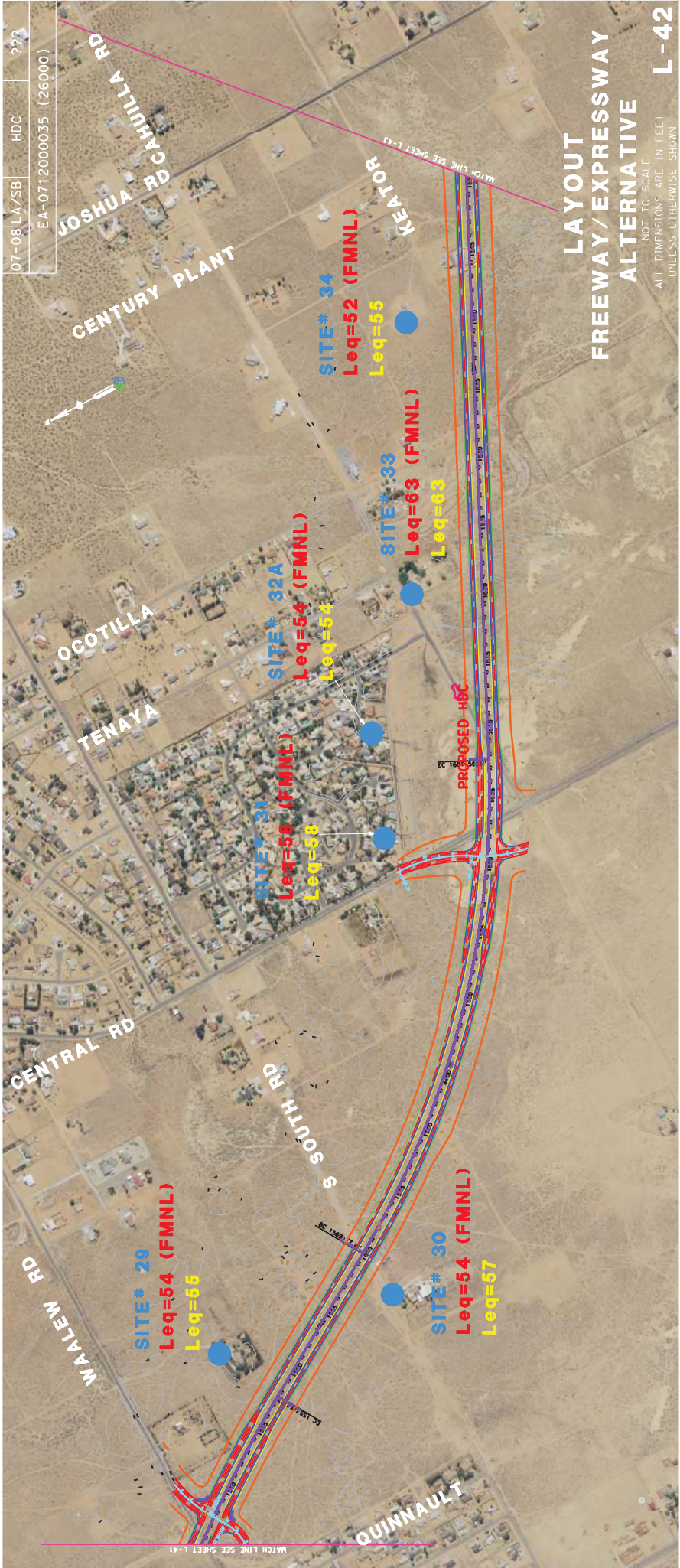
NOT TO SCALE
ALL DIMENSIONS ARE IN FEET
UNLESS OTHERWISE SHOWN

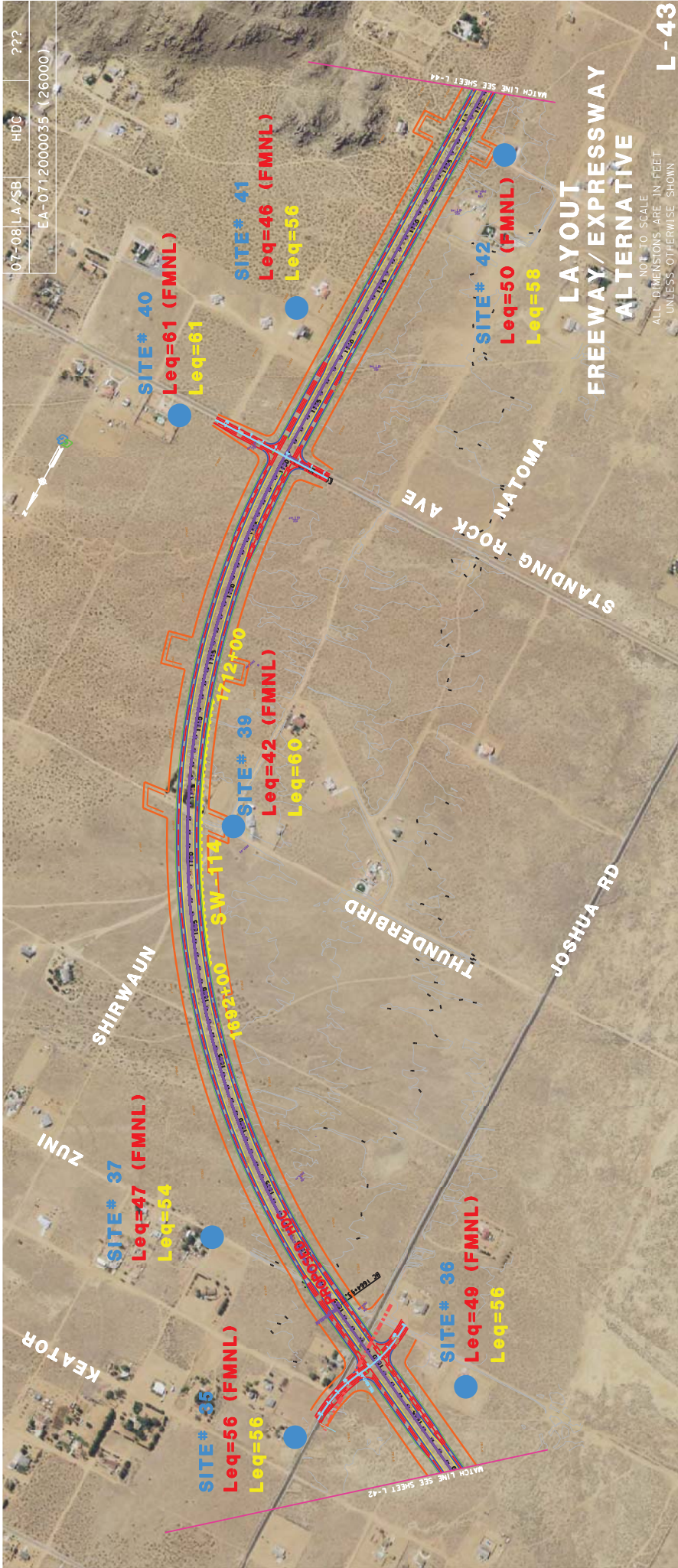
L-40

MATCH LINE SEE SHEET L-39

MATCH LINE SEE SHEET L-41





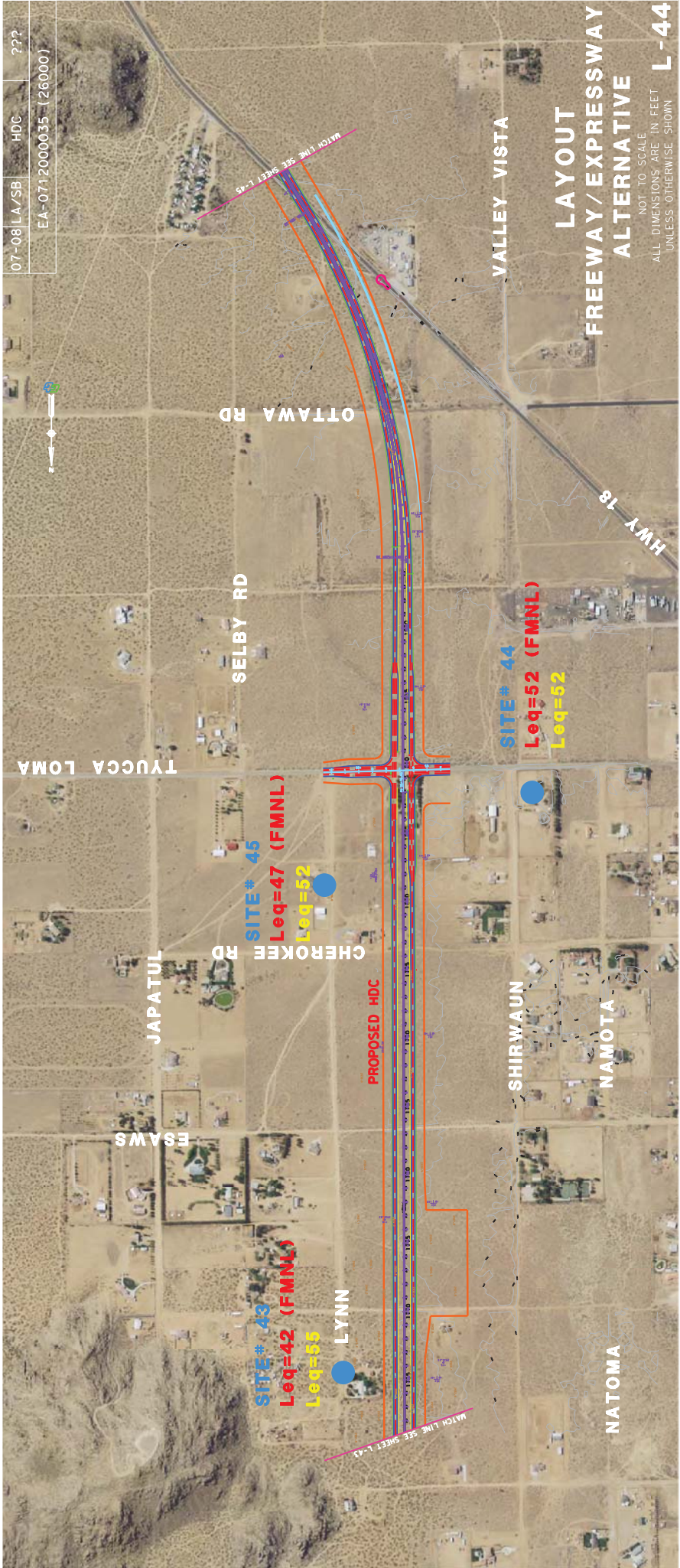


07-08 LA/SB	HDC	???
EA-0712000035 (26000)		

LAYOUT
FREIGHTWAY/EXPRESSWAY
ALTERNATIVE

NOT TO SCALE
ALL DIMENSIONS ARE IN FEET
UNLESS OTHERWISE SHOWN

L-43



07-08 LA/SB

HDC

???

EA-0712000035 (26000)



TYUGCA LOMA

ESAWS

JAPATUL

SELBY RD

OTTAWA RD

VALLEY VISTA

HWY 18

SITE# 43

Leq=42 (FMNL)

Leq=55

LYNN

SITE# 45

Leq=47 (FMNL)

Leq=52

CHEROKEE RD

PROPOSED HDC

SHIRWAUN

NAMOTA

NATOMA

SITE# 44

Leq=52 (FMNL)

Leq=52

LAYOUT

FREEWAY/EXPRESSWAY

ALTERNATIVE

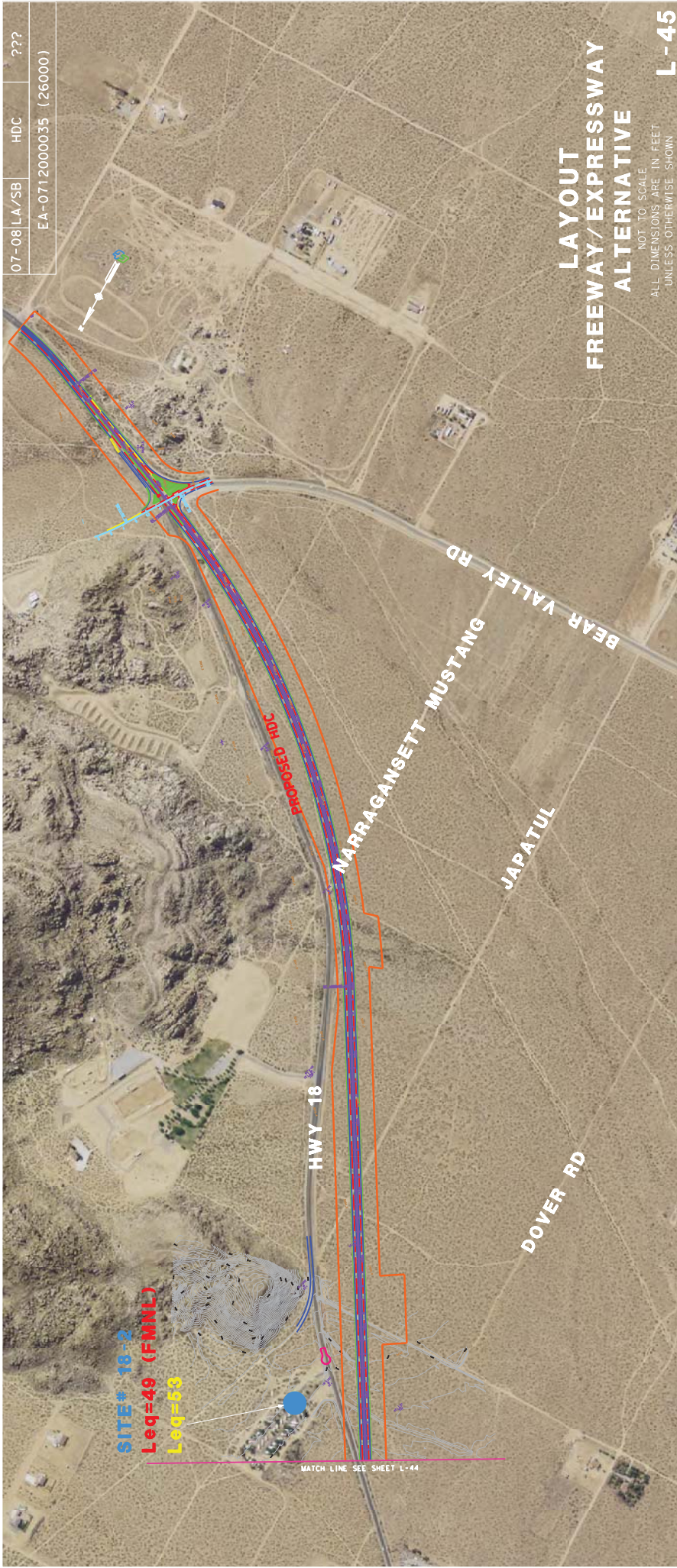
NOT TO SCALE

ALL DIMENSIONS ARE IN FEET

UNLESS OTHERWISE SHOWN

L-44

07-08 LA/SB	HDC	???
EA-0712000035 (26000)		



SITE# 18-2
Leq=49 (FMNL)
Leq=53

LAYOUT FREEWAY/EXPRESSWAY ALTERNATIVE

NOT TO SCALE
ALL DIMENSIONS ARE IN FEET
UNLESS OTHERWISE SHOWN

L-45

LIST OF TECHNICAL STUDIES (Bound Separately)

Study	Date Prepared
Air Quality Report	August 2014
Bike Path Study	June 2014
Community Impact Assessment	September 2014
Energy Study Feasibility Study Report	June 2014
Green Energy Study	June 2014
Initial Site Assessment from 100 th Street East to San Bernardino County Line	August 2011
Initial Site Assessment Los Angeles County Line to the Town of Apple Valley	September 2011
Revised Initial Site Assessment, from Route 14 to 100 th Street East	September, 2011
Supplemental Initial Site Assessment from Los Angeles County Line to the Town of Apple Valley	August 2013
Supplemental Initial Site Assessment, from 100 th Street East and San Bernardino County Line	December 2013
Initial Site Assessment Update from Route 14 to 100 th Street East, prepared by Office of Environmental Design	January 2014
Initial Site Assessment	February 2014
Archaeological Survey Report	August 2014
Supplemental Archaeological Survey Report	August 2014
Historical Resources Evaluation Report	August 2014
Farmland Memo	August 2014
Initial Seismic Hazard Assessment Report (Los Angeles County Section)	November 2011
District Geotechnical Report (San Bernardino County Section)	June 2012
District Preliminary Geotechnical Report (DPGR) (Los Angeles County)	October 2012
Final Preliminary Geomorphology Report	June 2014
Growth-Related Indirect Impact Analysis Report	June 2014
High-Speed Rail Feeder Service Study - Rail Options Considered and Withdrawn Report	May 2014
Natural Environment Study	August 2014
Jurisdictional Delineation	August 2014
Paleontological Identification Report/Paleontological Evaluation Report	August 2014
Phasing Narrative	November 2013
Preliminary Hydrology and Hydraulics Report	June 2014
Draft Relocation Impact Report	August 2014
Noise Study Report (NSR) and HSR Vibration Impact Assessment	August 2014
Noise Assessment Decision Report	August 2014
Traffic Study	June 2014
Traffic Study Update Memo	September 2014
TSM Narrative	November 2013
Visual Impact Assessment	September 2014
Water Quality Assessment Report	June 2014
Extended Phase I Testing Report	August 2014
Public-Private Partnership Feasibility Study; High Desert Multipurpose Corridor	December 2012

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